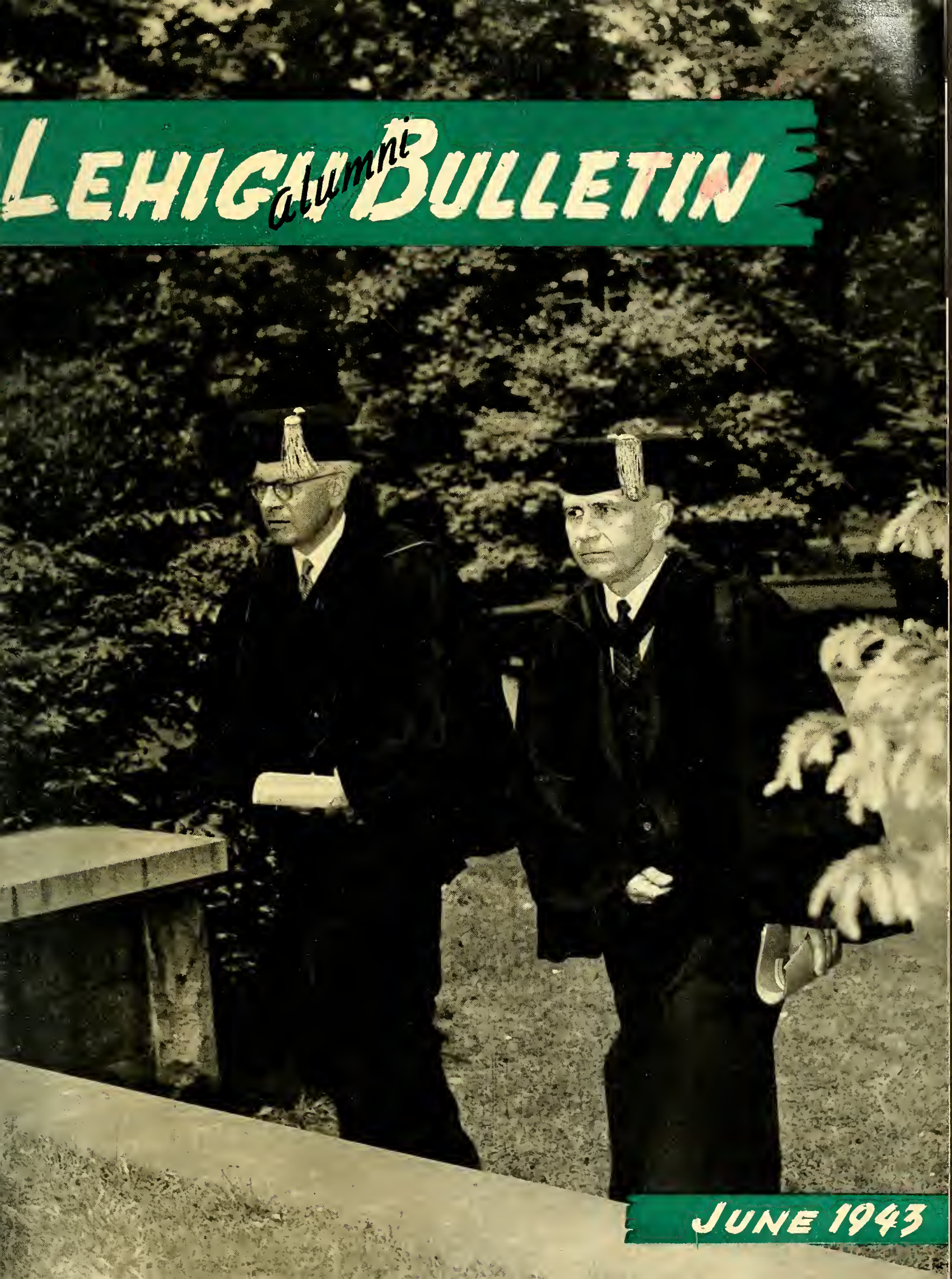
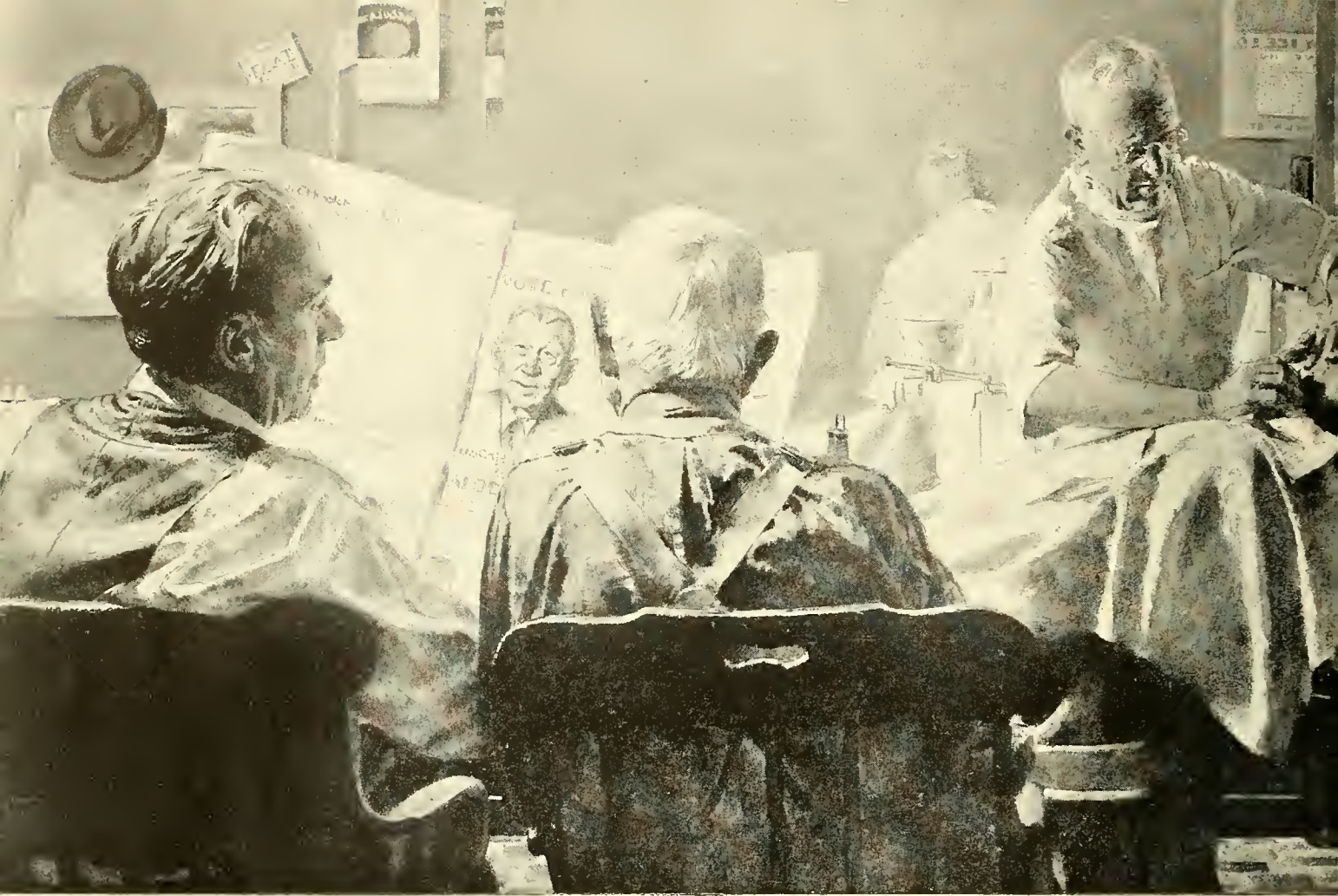


LEHIGH *alumni* BULLETIN



JUNE 1943



"Vote for That Guy? Not on Your Life!"

"This war's made me think how important it is to use your head when you vote. Once, they could vote in Germany—but they got careless. Now they just say 'Ja'—or else. Knowing who you're voting for is the best way to keep little would-be Hitlers from getting in the driver's seat over here!"

★ ★ ★

Our right to vote secretly and without fear of reprisal is one of our most precious rights as free Americans. It gives us the power to protect at home the very freedoms for which we are waging a fierce and terrible war abroad.

Those freedoms, which have given Americans more of the good things of life than any other people have ever enjoyed, now are giving us more of what it takes to win the war than all the slave nations of the world can produce.

Free American business, free labor and free agriculture—have built within two years a far greater war machine than Hitler's dictatorship built in ten

years. Millions of free American men and women, nearly 70,000 of them in Republic plants, are performing miracles of production *because they are working and fighting for something supremely worth-while.*

And the same freedoms that are winning the war, *can* win the peace. Free American business, labor and agriculture *can* expand farther and faster than any of us have ever dared dream. They *can* provide the opportunity for jobs and homes and happiness to all who are willing to work. They *can* build the solid foundations of economic liberty upon which all our freedoms rest.

They can—IF the vision and initiative and daring courage that have built for us the richest and happiest nation on earth are maintained as the cornerstone of our free way of life.

It is the sacred trust of *all* of us to keep alive the fires of freedom and opportunity—to keep faith with those who are fighting to keep America free.

REPUBLIC STEEL

General Offices: Cleveland, Ohio

Export Department:
Chrysler Building, New York, N. Y.

ALLOY, CARBON, STAINLESS STEELS • COLD FINISHED STEELS
PLATES • BARS • SHAPES • STRIP • SHEETS • PIPE • TUBING



TIN PLATE • NUTS • BOLTS • RIVETS • NAILS • PIG IRON
FARM FENCE • WIRE • FABRICATED STEEL PRODUCTS

The Lehigh Alumni Bulletin

June

Vol. xxx

Issue No. 8

Features

Letters to the Editor.....page 3

Commencement—'43 page 5

University Attendance After the War
by Dr. Raymond W. Walters, '07.....page 8

The War Role of Engineering Colleges
by Dr. Charles E. Lawall, '14.....page 9

With the Alumni Clubs.....page 10

Life Among the Lehigh Service Men.....page 11

The Sports Parade.....page 15

The Student Looks Ahead.....page 18

The Lives of Lehigh Men.....page 20

Leonard H. Schick Robert F. Herrick

OFFICERS: *President*, Nevin E. Funk, '05; *Vice-Presidents*, Robert C. Watson, '13, and George F. Nordenholt, '14; *Treasurer*, R. S. Taylor, '95.

ALUMNUS TRUSTEES: Stewart J. Cort, '06; Andrew E. Buchanan, Jr., '18; F. A. Merrick, '91; W. S. Landis, '02; A. V. Bodine, '15, and James H. Pierce, '10.

Published monthly, October to August, inclusive, except during December and January, when it will be published bi-monthly, by the Alumni Association of Lehigh University, Inc., Alumni Memorial Building, Bethlehem, Pa. Printed by the Globe-Times Printery, Bethlehem, Pa. Entered as second-class matter at Bethlehem, Pa., Post Office. Subscription price \$3.00 per year.

VOL. XXX—No. 8

JUNE, 1943

On the Cover this Month

Commencement ended, President Clement C. Williams, and speaker Dr. Harold W. Dodds lead the Academic procession to the flagpole in the center of the campus. Here new graduates, parents, and faculty united in singing Lehigh's time honored Alma Mater, listened reverently as taps brought home the realization that an old life was ending, a new one beginning.





THE standardization of river barges with reference to size and to hull shapes according to class and zone of service prompted Dravo to develop the straight line, mass production methods of construction. The Navy's current vessel building program, including many small combat units of uniform hull specifications found our Neville Island-Pittsburgh yard in a position to adapt its peace time experience to emergency production—the result, Submarine Chaser PC-490, first of a group of similar hulls and the first U. S. Navy fighting vessel ever to be launched from an assembly line.



Photograph above. Navy combat units of the PC type are moved on an assembly line toward the water front launching berth. This method gives maximum use of the available waterfront area.

Photograph below. Submarine Chaser PC-490 first Navy fighting vessel to be built on an assembly line, as she appeared on her trial trip. (Official U. S. Navy photos)

Lehigh Alumni with Dravo Corporation & Subsidiary Companies

S. P. FELIX, '03
J. D. BERG, '05
E. T. GOTT, '06
A. S. OSBOURNE, '09
L. C. ZOLLINGER, '09
V. B. EDWARDS, '12
GEO. F. WOLFE, '14
W. P. BERG, '17
E. H. ZOLLINGER, '18
F. J. LLOYD, JR., '23
B. E. RHOADS, '23
W. W. ARMSTRONG, '27
R. W. MARVIN, '27
PAUL G. STROHL, '27

G. W. FEARNside, JR., '28
C. W. GRANACHER, '29
E. V. TWIGGAR, '31
*J. K. BEIDLER, '34
W. A. ROBINSON, '34
H. E. LORE, '35
L. P. STRUBLE, JR., '35
D. R. BERG, '38
W. B. WOODRICH, '38
K. C. COX, '39
C. C. BALDWIN, '40
*A. T. COX, '40
F. E. HARPER, JR., '40
*R. R. MERWIN, '40

R. E. STEPHAN, '40
ROBERT A. HECHTMAN, '41
WILLIAM H. LEHR, '41
RICHARDSON GRAY, '41
LLOYD F. GREEN, '41
GEORGE W. WOELFEL, '41
RICHARD M. DIETZ, '41
JOSEPH KASZYCKI, '41
ROY E. WOODLING, '41
DR. J. SMITH MILLER, HON. '41
GEORGE W. HANSON, '42
LOWELL K. OLIPHANT, '42
CHARLES E. PATTEN, '42
ROGER E. KOLM, '42
CHARLES P. DAVIDSON, '42

* In military service

DRAVO CORPORATION

DRAVO BUILDING

PITTSBURGH, PENNA.

To the Editor

A Pleasant Surprise . . .

Again I can say that your bulletin "Lehigh Passes in Review" has helped me to locate Lehigh University graduates even here in New Guinea.

Last Saturday afternoon I was surprised and delighted to have Bill Bostock, '42, walk into my tent. It was all due to the fact that you printed a paragraph in the March 13 Review about Major Cheli, '41. It seems that both Bill and myself inquired around as to where he was located and the fact that he was a classmate of ours. His Operations Officer was informed by both myself and Bill of this fact merely as a chance that we might meet Cheli, not knowing that either of us were on the island too. The Op. Officer informed Bill Bostock that I had spoken to him previously, and mentioned that I graduated from Lehigh too. When Bill found out that I was in the 158th Inf. he came out to see me.

He drove me and two other officers from the company around this area. He was here longer than we were and he had transportation which we could not get. Bill said he was going to write to you, but in case he doesn't his APO address, I believe, is 929, Chemical Warfare Company.

Somebody also mentioned that Frank



LIEUT. HENRY SEEBALD, '42
"Reunion in New Guinea"

Reuwer was in this Regiment. (I just checked upon it and that was correct.) They also mentioned that he graduated before his brother Hank Reuwer, '42. I'll have to go down to the 1st Bn. to see him soon.

Hope to read your Review soon again.

Regards,
Lieut. Henry Seebald, '42.

From North Africa . . .

I have several notices from my family that you are desirous to get communications from Alumni in the present struggle at home or abroad. Up to the present I have been going full force day and night, seven days a week and have had little time to write except occasionally to my family. We are not resting at present but have a few hours extra before bedtime to cleanup and prepare again for 24 hour duty.

I am Battalion Engineering Officer of an Engineering Aviation Battalion. Our work is to build, prepare and rebuild all forward airdromes for the air force. My particular duties include reconnaissance of all sites, survey and design and then actual construction. The work not only includes landing strips, but all the extras necessary to get a field in full operation. As time is the greatest factor, we have sufficient work to keep us going night and day and seven days a week. Sometimes we get as many as five airdromes to build at a time and then are told to have them ready for use in five days. Sounds fantastic, but you soon learn and our outfit has completed work on schedule getting planes down as ordered. Better get a course in your new training school schedule for this type of work, as it is damn important.

I have been in Africa right from the start and it has been five months since I remember resting. But one does not mind if in the end we are doing our bit to help preserve the traditions of the Good Old U.S.A.

Sorry I do not have any late snapshots but I am enclosing one taken four months ago, almost at the start of our frantic working task. Since then have reduced a little and have often

tightened up my belt another notch. As far as my health is concerned, I feel great and cannot kick. Our food is sufficient, living conditions—well, we do exist, mail regular which helps to keep up morale; and alcohol stimulants about nil. Don't let them pass another Prohibition while we are overseas cause I believe most of the boys will want a good old American drink when they again see the shores of the Statue of Liberty. Some may not come back but the rest can break the glasses to their former college chums, fox-hole buddies and former friends.



LIEUT. GEORGE SPEICHER, '28
"No rest in North Africa"

Guess I have rambled on sufficiently for one sitting. Teach the Engineers to build speedily, war depends more on that than anything else. Thank God I had a good foundation at Good Old Lehigh and think that our Battalion has already gained some recognition, which I hope is due to some of the teachings which I have tried to remember of my schooling during my campus days over 15 years ago.

Hope this end of our war can be brought to a quick and successful ending, so that your enrollment can again be back to its normal within another year. The destruction of war will require loads of young engineers and I believe Lehigh will again supply more than its pro rata share.

Adios or till we meet again. Should say it in French but my French is Blaa . . .

Fellow Alumnus,
(Sgd) 1st Lt. George J. Speicher, '28.



EVER FACE A FIRING SQUAD?

TAKE A good long look. This is what a condemned man...or woman...sees at twenty feet. No one has ever come back to describe that last moment before the scene is suddenly blacked out with a rattle of fire and a burst of lead.

But even a brave man or a courageous woman facing such a scene must hope feverishly that this is all just a bad dream from which there will be an awakening...a vision from a remembered movie in which someone will come, will come, in time. But no one comes.

Thousands...hundreds of thousands...of human beings, like yourself, have had just such a last glimpse of life during the past few years. And they, too, have hoped it was a dream. But it wasn't.

How far removed do you think *you* are from playing the star part in such a performance as this? Two years, three years, maybe four years...if the Japs and Nazis win.

And don't think that you can talk yourself out of it if the time comes. Don't think that you can turn coat; that begging for mercy on bended knees will spare you; that promising to be good, to cooperate, will help. Some patriot in your neighborhood will kill one of their officers in the night, and the next day you will be rounded up with nine or nineteen or ninety-nine others...to be shot.

This is something for all of us to think of...to dream of while we can still awaken to the clean air of freedom.

It is something to make all of us resolve that all our waking effort will be bent to the one job of winning this war...that whatever we know we *can* do, we *will* do...and that whatever else we can *find* to do, we will also do.

For unless *all* of us put the winning of this war before everything else, a lot of eyes that now look on this page may face that same scene in reality.

Not somebody else's eyes. *Yours...*

AMERICAN LOCOMOTIVE

30 CHURCH ST., NEW YORK, N. Y. • MANUFACTURERS
OF TANKS • GUN CARRIAGES • ARMY AND NAVY
ORDNANCE • STEAM AND DIESEL LOCOMOTIVES



Commencement



AS THE words of Lehigh's time honored Alma Mater echoed over South Mountain on the morning of May 24th, one hundred and ninety-nine black gowned Seniors bid farewell to their undergraduate days and departed to take their places in a world fighting for its very existence. To ninety-four members of the class the immediate future was certain. They were going into the army as commissioned officers, the result of intensive preparation with Lehigh's justly famed R.O.T.C. unit. Many others were going into essential industry, and thus could expect temporary deferment, but the vast majority returned to their homes, there to await the call from their respective draft boards.

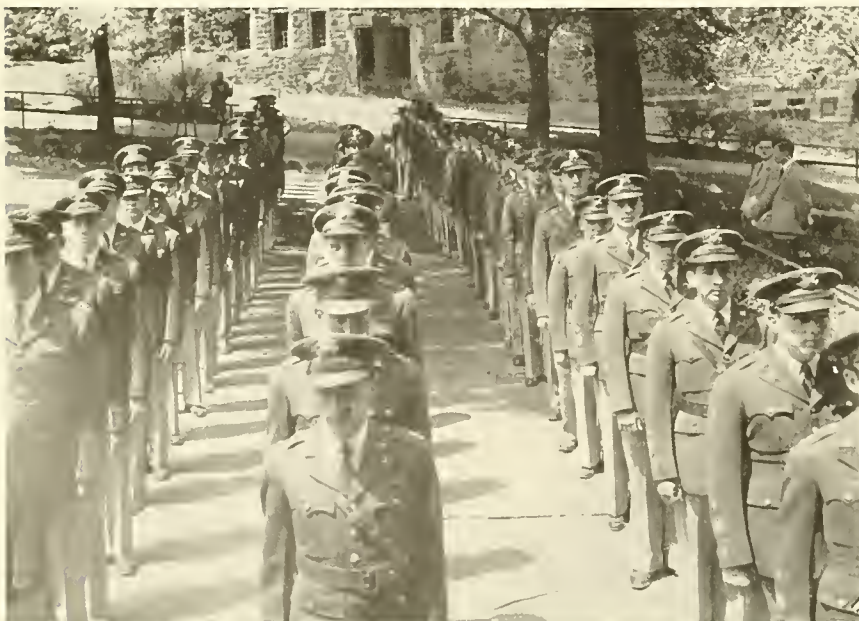
Last non-accelerated class to graduate for the duration, the seniors listened attentively on Sunday morning as Dr. Claude G. Beardslee, University chaplain, preaching the Baccalaureate sermon in Packer Chapel, urged them to be steadfast in their convictions of the right and to play the game rightly in this moral conflict. Impressed were seniors, parents, and friends when the speaker declared: "Nations need each other in the same way that persons need one another. In the light of your education, in your industrial, professional, and military jobs, you might fight for these rights. We call you to a faith in our common religion of democracy, in the self-government of this nation, and in personal self-government, that our foundations may rest secure in goodness."

Packer Chapel was again the scene of activity the following morning when the traditional and colorful Academic procession, paced by the Brown and White clad band, marched from the Alumni Memorial building across the campus to the church where commencement exercises were



President C. C. Williams and Chaplain C. G. Beardslee lead the traditional academic procession into Packer Memorial chapel for the Baccalaureate service

The R.O.T.C. seniors pictured below received their commissions together with their diplomas and departed immediately for active service with the army



held. Principal speaker Dr. Harold W. Dodds, president of Princeton University and a famed educator, stressed the need for a reasonable degree of economic security, as he declared that the reason why so many people are turning to the state and are seeking to unload their troubles into the lap of Mother Government is that they feel that modern life fails to satisfy certain fundamental considerations which the simple economy of earlier days allowed for.

DECLARING that the escape from the present trend to the all-inclusive state will come through the educated people of the nation who will accept heavier responsibilities of leadership than has been common in the past, the speaker concluded by saying: "... your opportunity to exhibit high statesmanship in the post-war world will be unparalleled in our history. It is my fervent hope that when you return from your proud victory and rich in honors you will give yourself to the service of the state, by this course alone will you find satisfaction and fulfillment."

Following the inspiring address by Dr. Dodds, four men, two of them alumni, who have had outstanding careers in their respective fields were

Pictured below are the four men who received commissions. They are Rodolfo Michels, Per K. Froh



recipients of honorary degrees which were conferred upon them by President Williams. First to be honored Rodolfo Michels, ambassador from Chile to the United States, is an engineering graduate from the University of Chile, and for eighteen years has served his native country in the Chamber of Deputies, the Senate, and numerous governmental committees prior to being named to his present post in 1940.

For service to his nation at war, and for attainments in automotive development and industrial management, Brigadier General Alfred R. Glancy, '03, was awarded the Doctor of Engineering degree. Former vice-president of General Motors Corp. alumnus Glancy is now deputy chief of ordnance in the tank and automotive center at Detroit. Second alumnus to be honored Nevin E. Funk, '05, author of many technical papers, president of the American Institute of Electrical Engineers, and Vice-President of the Philadelphia Electric Company, received the Doctor of Engineering degree. Final degree that of Doctor of Engineering was conferred upon Per K. Frolich, a native of Norway, whose work on synthetic rubber and the technology of petroleum is aiding greatly in the nation's war program.

honorary degrees at Lehigh's commencement exercises. General Alfred R. Glancy, Nevin E. Funk



Realizing that most of them will soon be in the armed forces none of the graduates failed to notice the service flag hanging in the Memorial building

Assembled in the president's office for a photograph prior to graduation exercises were the honorary degree recipients, University officials, and guests



University Attendance After the War

by

DR. RAYMOND W. WALTERS, '07

President of the University of Cincinnati

nology, Stevens Institute, Case and California Tech. In these the total enrollment was only 1.5 per cent below that of five years ago. It is estimated that the same ratio held for totals of engineering students in universities: the

WITH affectionate memories of Lehigh's lovely campus, I can readily picture what one will see from the Alumni Memorial Building windows these coming summer days. Instead of summer-school undergraduates strolling by, there will march long lines of young men in uniform,—soldiers selected for transfer from army camps to college campus.

Lehigh is among the approximately 500 institutions of all types approved from 1,500 applicants as eligible to receive Federal contracts for Army and Navy instruction and training. Administrators and teachers concerned with such programs feel keenly about them. We are proud that the Government has called upon our institution. We are grateful for a chance to help in a war so overwhelmingly vital that other objectives pale into insignificance. And we like the quality and the spirit of the soldier-students who will swing into our classrooms with jaunty, determined step for the engineering courses of the Army Specialized Training Program.

Beyond handling these war-time courses as efficiently as possible, we administrators and teachers—and alumni also—have a responsibility to think about and to plan for the time of peace to come. This includes such material considerations as the supply of students. We may clarify our thinking and our planning by two questions:

1. How did the coming of World War II affect collegiate enrollments?
2. What will happen to enrollments when the war is over?

Here are facts in answer to Question 1. They issue from a compilation of full-time attendance at 509 approved institutions of varied type and size for which data are available in my annual *School and Society* articles, covering the four war years 1939-40 to 1942-43 (as of November 1) and also the year 1938-39 immediately before the Nazi attack upon Poland.

The educational story is told compactly in the five-year table found on page 16. For 509 institutions the total enrollment of 668,054 fulltime students as of November 1942 represents a drop of 13 per cent as contrasted with 768-117 students in these same institutions in November 1938.

This downward trend increased (except for engineering) as the meaning of the world crisis became clear and as Selective Service went into effect. With the United States called upon to serve as the arsenal of the Allied Nations, young men turned to technology which maintains the arsenal. Illustrative is the November 1942 attendance in 38 technological institutions included in the table; independent schools such as the Massachusetts Institute of Tech-

universities under public control such as Illinois, Michigan, California and Cincinnati, and the universities under private control such as Yale, Cornell, Pennsylvania and Lehigh.

MORE revealing than total enrollments is freshman attendance, since the choice of occupations by freshmen is most recent. Last November there were freshman decreases in arts and science, in commerce, in agriculture and in teachers courses. In the field of engineering, however, 40,079 freshmen enrolled in 656 approved institutions of varied types, an increase of 22.6 per cent over November 1941. The largest gain was 25.7 per cent in 51 public universities; second largest was the 23.3 per cent increase in 51 independent technological institutions; third largest was the 15 per cent increase in 50 private universities.

What caused this upsurge in freshman engineering numbers? It was doubtless due to the nation-wide emphasis upon technology as a factor in winning the war, as evidenced practically in the Selective Service deferment of engineers as "necessary men." During the academic year now closing there were confusing shifts in War Department announcements as to engineering as well as other students; however a change last December enabled many engineering

(Continued on page sixteen)



DR. WALTERS

Two alumni, both prominent figures in the field of education, take time

WHEN a nation is imperiled by war, it immediately mobilizes all of its resources for its defense. As it appraises these resources and musters them for the war effort, it is found that their value and importance depend upon the nature of the war to be waged. Some of the war materiel now on the critical list was unknown during the last World War.

Since the present war is a "mechanized war" it is to a great extent a contest between the economic resources and economic organizations of the warring nations—a race between destruction and construction. The nation, therefore, that has a superiority of resources has a tremendous advantage over its enemies. As the war wears on, it continues to consume at an alarming rate these valuable natural resources and as they are irreplaceable it is imperative that we not only produce them in the greatest quantity by the best methods known to science, but also that we process them in the most scientific manner so that we may gain every advantage in the conflict with the enemy and also conserve them as far as possible for peacetime activities.

As these are engineering problems, they must be solved by engineers. Fortunately we have the engineers who are solving them in such an effective manner that our armed forces are equipped with the best weapons in the world. We are producing them in such quantities—because of mass production methods—that not only are we supplying our Army with munitions and war materiel, but the armies of our allies as well.



DR. LAWALL

The War Role of Engineering Colleges

by

DR. CHARLES E. LAWALL, '14

President of West Virginia University

Thus the engineer is a vital factor in the waging of modern warfare, and his importance to the war effort has strengthened the influence of the profession to a remarkable extent. It is not surprising, therefore, to learn that the engineering profession has been mobilized for the war almost to a man. Data and estimates from the National Roster of Scientific and Specialized Personnel show that of the 280,000 professional engineers in the United States at the present time, about 19 per cent are in the armed forces and the War and Navy Departments; 12 per cent in other governmental positions; 49 per cent in manufacturing, mining and construction; and the remaining 20 per cent are employed in transportation, communications, public utilities, private consulting practice, colleges and universities. All these fields of activity are very essential to the war effort.

Very early in the national defense program, there developed serious shortages of trained and experienced workers in many of the skilled trades involved in the production of defense and war materials. To provide the training needed, Congress in 1940 appropriated funds for a nation-wide plan to train workers needed in defense industries and government services.

Contracts were pouring into industries for ships, tanks, guns, aeroplanes and other war materiel at a stupendous rate, and it was soon discovered that if industry was to function effectively, skilled workers would have to be trained for critical positions in a relatively short time.

The United States Office of Education was made responsible for conducting the program in each of the individual states through state departments of vocational education, high schools, colleges and universities, which functioned as training agencies.

Four distinct programs were set up for carrying out this work:

- (1) Vocational Training for National Defense
- (2) Training for Rural and other Youths
- (3) Engineering Defense Training
- (4) Training for NYA youths.

The engineering colleges were requested to administer the Engineering Defense Training Program and they responded instantly and whole-heartedly, and have rendered outstanding service in this work. The results that have already been accomplished are a monumental contribution to the war and will stand as a lasting tribute to the engineering colleges.

THE organization of this program was formulated by a group of engineering educators and professional engi-

discuss the wartime problems confronting American colleges and universities

gineers. Since the minimum academic requirement for students in this course was graduation from high school, or its equivalent, it was decided to have all the work administered by engineering colleges.

Consequently the engineering colleges, after complete industrial surveys were made in war production centers, drew plans for a series of intensive courses of study for workers in these industries. Some of the courses were highly technical and required the students to have had several years of college training or industrial experience as a prerequisite.

Thus the Engineering Defense Training Program (known as E.D.T.) started to function in December, 1940 and continued to July, 1941. During this period 137,656 students were trained in the 144 colleges that participated in the program. The next year the work was continued as the Engineering, Science and Management Defense Training Program (E.S.M.D.T.), and was expanded to include the training of chemists, physicists, radio technicians and production supervisors. In this second year, from July 1, 1941 to June 30, 1942, 434,853 men were trained in 196 colleges that cooperated in the program. In the current year, from July 1, 1942 to the present time, the program now known as the Engineering, Science and Management War Training program (E.S.M.W.T.) has 450,236 students—men and women—enrolled in its 10,543 courses with 214 colleges cooperating.

In addition to conducting the E.S.M.W.T. program many of the engineering colleges have placed their shop facilities at the disposal of vocational education departments for their courses. When this work was organized, it was found that with the possible exception of the relatively few well-equipped and staffed trade and vocational schools, the established shop facilities of colleges and universities offered the best opportunity for such a program. Many college and university shops are being used for training war workers, and some of these shops are in service twenty-four hours each day. Thousands of previously unskilled men and women have been prepared in them for employment in the skilled trades in war industries.

Recently the engineering colleges have undertaken two new educational programs in cooperation with the Army

(Continued on page seventeen)

With the Alumni Clubs

York Lehigh Club

The York Lehigh Club held a meeting to conclude its drive for contributions to the Student Grants Fund on May 27th. The meeting was held in the University Club Rooms and was attended by twenty-two members.

Cliff Lincoln, Chairman of the Student Grants Collection Committee, spoke to the Club concerning Student Grants and Dr. Wray H. Congdon, Dean of Undergraduates at Lehigh, spoke on Lehigh's part in the war effort.

Cliff Lincoln gave some very interesting facts on the functions, organization, and results of the Student Grants. He answered many questions which the Club members had concerning the Student Grants and assured them of continued success if given support by the alumni. Mr. Lincoln emphasized the opportunity for the alumni to swell the treasury of the Fund during this present crisis, since expenses are likely to be low. He made a strong plea for alumni clubs all over the country to follow the York Club's example of making an effort to obtain contributions to the Fund.

Dr. Congdon told of the interesting part which Lehigh is playing in training technical men for the Armed Forces, and the researches which are being carried on in Lehigh's laboratories. Dr. Congdon also spoke of the change in certain activities at the University, such as fraternities and social functions. The Club was also glad to hear that the University ended its fiscal year in the black and that the future outlook is good.

Bob Herrick also attended the meeting and showed movies of the Lehigh-Rutgers game. The meeting was in charge of John G. Bergdoll, Club President, who introduced the speakers. After the meet-

ing, the members exchanged stories and renewed acquaintances over a few glasses of beer.

C. H. Neiman, *Secretary*

Fort Benning Lehigh Club

Thirty-two Lehigh men, their wives, and friends enjoyed an informal reunion last month at Fort Benning, the army base in Georgia. Arrangements for the meeting were made by a committee headed by Captain Al Cox.

Feature of the program was the showing of motion pictures depicting Lehigh's football victory over Rutgers in 1942. A sound film "Matmen" which showed Billy Sheridan's wrestling squad in action was also shown and enjoyed by the assembled soldiers.

Present at the meeting were: Major Robert P. McQuail, '39; Captain J. M. Roberts, Jr., '40; Captain A. T. Cox, '40; Lt. Arnold Bloss, '40; Lt. Bob Dech, '41; Captain F. M. Pittenger, '34; Lt. C. Budd Heisler, '40, and Mrs. Heisler; Lt. Paul Short, '34; Lt. Jackson Jones, '43; Lt. Frank R. Thader, '42; Lt. Kilbourn Gordon, '42, and Mrs. Gordon; Lt. Edwin H. Scott, '40; Lt. John F. Belcher, '42; Lt. Fred Pierce, '40; Captain Bill Hodson, '41; Captain Dick Shepherd, '41; Lt. Bob Felch, '41; Lt. Dick Bright, '41; Lt. Howard V. Donohoe, '41, and Mrs. Donohoe; Lt. John D. Van Blarncem, '42; Sgt. John O. Liebig, '40; Richard W. Fidler, '42; Pvt. Malcolm H. Baxter, '35.

Also attending was Mrs. Brick Wilson, wife of Lt. Col. Brick Wilson, at present a Japanese prisoner, taken on Bataan. Also with Mrs. Wilson were her son and daughter.



Life Among the Service Men

SIXTEEN HUNDRED and twenty-three Lehigh men are now in the service of their country, and many more are about to enter in the near future. In honor of these men and of the twenty-five who have thus far given their lives, a large service flag now hangs in the hall of the Alumni Memorial Building. When the war ends a bronze tablet listing all those who served will be placed beside the one now honoring the Lehigh heroes of the last war.

Latest alumni to die for their country, Lieutenant William M. Spears, Jr., '42, and Captain John H. Buffam, Jr., '38, were killed in April. A War Department release revealed only that the latter was killed in a plane crash April 29 in Latin America, while Lieutenant Spears met his death April 6 in a North African battle. Last letter from Lieutenant Spears written March 20 stated that his infantry outfit was going places and that he wouldn't be writing for awhile.

Another, but more fortunate, par-

ticipant in the African campaign, Major John Richard Muehlberg, '42, and his crew of three Lieutenants and five Sergeants arrived in this country recently by clipper after nearly ten months of duty in the Middle East and Southern Europe.

A First Lieutenant less than six months ago Major Muehlberg now only twenty-three was recently awarded the Distinguished Flying Cross and the Army Air Medal in recognition of his flying feats. He had been made a Captain in January, but was elevated to the rank of Major when his decorations were presented.

Although his men come from practically every part of the country but New Jersey, their Consolidated Liberator was immediately christened the "Jersey Jackass." It's Brooklyn, Florida, Arizona, Rhode Island, Maryland, Pennsylvania, Massachusetts, and Illinois officers and men were tagged the "Jersey Jerks." That's a misnomer both ways, for the "Jersey Jerks" have been anything but fumbling or futile and

there are a good many German and Italian fighter plane pilots who are now in no position to substantiate that statement.

OF his plane and the other B-24s in his group Major Muehlberg has only the highest of praise. There is nothing in the air like them, in his opinion, and a good many other American and British air authorities agree with him. In substantiation of his assertions that they top all others, the Montclair flyer pointed out they make their Mediterranean bombing runs entirely without a fighter plane "cover."

This fighting Alumnus has high respect for German flyers and their equipment, but said he found the Italians "pretty weak" except right close to home. The Fascists' anti-aircraft gunnery, especially at Naples, is however, highly dangerous, he said, and the best Italian planes and pilots are concentrated in this area too. German equipment, in his opinion, has not deteriorated, and they have not run out of expert flyers.

As the Honor Roll of Lehigh men in the armed service grows longer each month a few of the fighters return from North African and Pacific battlefronts to tell of their experiences in actual combat.



Pictured (top to bottom): Lieut. Richard M. Palmer, '42; Lieut. John W. Maxwell, '26; Lieut. George A. McClaskey, '30; and Captain Walter Savage, '35.

Asked if he thought the Bizerte-Tunis victory means the beginning of the end, the newly decorated Major replied: "I don't know a flyer who would attempt any sort of a prediction on when the show will be over. Certainly I wouldn't. But we do know we are going to win, and the sooner we get more B-24s, tanks, guns, and other equipment, the sooner it will be."

Major Muehlberg who enlisted in the Air Corps in July 1941 at the conclusion of his Junior year at the University went overseas last summer, and saw his first action around Greece and Crete, operating from a base in Palestine. Later his outfit transferred to the Cairo area, and from then on their job was to hammer the Rommel supply line. They did it, putting in three hundred and eight hours of combat duty without loss or serious injury to a man of the "Jersey Jackass."

Second Alumnus to return from the combat zone last month, Lieutenant William W. Hart, '33, an active participant in four major naval engagements in the Pacific area, told of a heroic bucket brigade organized on the U. S. S. Hornet last October when that carrier was dying a slow and gallant death in the Southwest Pacific. Lieutenant Hart, engineering and photographic officer of a torpedo squadron aboard the ill-fated carrier, reports that after the initial Jap attack by torpedo planes and dive bombers, two great fires were burning fiercely, below and on the flight deck of the ill-fated carrier.

THE carrier had suffered many other wounds from Jap bombs, and the pumps were out of commission, so an air officer organized a bucket brigade. The work of this volunteer group is best described by Alumnus Hart who said: "We used five gallon buckets, dropped them over the sides on lines, scooped up the water, raised

them to the deck, and passed the buckets along the line. In three and a half hours we had the fires out. We suffered five or six heavy bomb hits and three torpedo hits, and would have suffered a great many more had it not been for the speed and maneuverability of the Hornet."

One alumnus, Ross P. Vachon, '43, now in training at Fort Benning, Ga., is living for the day when he can contribute to an American victory which will liberate his father from a Japanese prison camp. When that day comes Vachon will probably face his father and say: "Sir, Lieutenant Vachon reports for duty to General Vachon," for his father is Brig. General Joseph T. Vachon, who was taken prisoner by the Japanese with General Wainwright and his staff in the fall of Bataan.

When the General last saw his son, the latter was working his way toward a commission in Lehigh's justly famed R.O.T.C. unit. Vachon had received an appointment to West Point sometime ago, but an examination disclosing less than perfect eyesight precluded confirmation of the appointment. Going to Lehigh, he made immediate application for Officers' Candidate School upon his completion of his course in January. Another point which hastened his decision to get into the fight was the death in action of two cousins in the British forces.

The Vachon family has long been represented in the military. General Vachon arose to his generalship the hard way by coming through the ranks. He has been in the service 38 years and has been assigned to stations all over the world. His family accompanied him on most of these tours. Young Vachon has travelled in England, on the European continent, in Panama, in Hawaii, Australia, and in the South Pacific, and has attended approximately twenty-five schools.

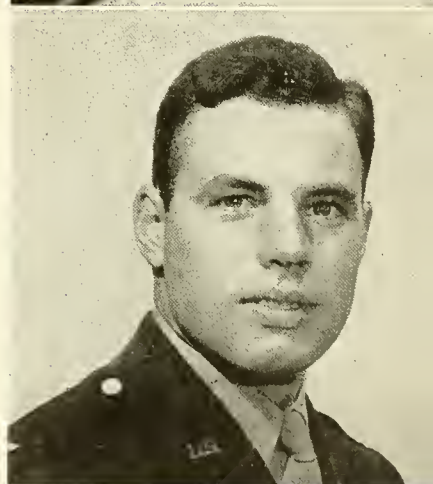
The next classes to be included in "Lehigh's Roll of Honor" follow. It is the hope of the BULLETIN staff to publish a pocket handbook containing the names and addresses of all Alumni in the service. This booklet to be published sometime this summer will be distributed free to all Alumni in uniform.

CLASS OF 1941

Lt. J. L. Anderson, Camp Cooke, Calif.
 Lt. R. W. Andrae, A.P.O. 545, Los Angeles, Calif.
 Ensign E. B. Annett, U. S. N. R.
 Lt. W. L. Archer, APO 253, Rice, Calif.
 Capt. J. C. Attwood, APO 923, c/o Postmaster, San Francisco, Calif.
 Lt. E. P. Bachtell, Jr., Fort Worth, Texas.
 F. N. Bahason, U.S.N.R., San Diego, Calif.
 Pvt. Boris Baiko, Seymour Johnson Field, Goldsboro, South Carolina.
 Capt. N. M. Barber, APO 962, c/o Postmaster, San Francisco, Calif.
 Midshipman J. M. Beauchamp, U. S. Naval Academy, Annapolis, Md.
 Lt. John Beriont, Hendricks Field, Sebring, Florida.
 C. L. Bixby, Jr., U. S. A.
 Lt. J. H. Bricker, Fort Jackson, S. C.
 Ensign D. W. Burke, U. S. N. R.
 Ensign F. C. Butler, U. S. N. R.
 Lt. R. Caemmerer, Camp McCoy, Wisconsin.
 Lt. H. Caplan, APO 486, c/o Postmaster, New York City.
 Lt. A. R. Carcione, APO 637, c/o Postmaster, New York City.
 Lt. C. H. Carter, Jr., Kankakee Ord. Works, Joliet, Illinois.
 Lt. W. Chase, Jr., c/o Postmaster, San Francisco, Calif.
 Capt. Ralph Cheli, somewhere in New Guinea.
 Lt. C. V. Clarke, Camp Blanding, Fla.
 Lt. E. W. Claussen, Camp Gruber, Oklahoma.
 Lt. J. L. Conneen, Bennettsville, S. C.
 Pvt. G. S. Coopey, Aberdeen Proving Ground, Md.
 Ensign S. S. Cross, U. S. N. R.
 Pvt. C. L. Crouse, Jr., San Bernardino, Calif.
 Lt. J. E. Culliney, Sheppard Field, Texas.
 Lt. T. P. Cunningham, Jr., Chicago, Illinois.
 Ensign R. S. Davis, U. S. N. R.
 Lt. R. W. Dech, Fort Benning, Ga.
 Pvt. J. D. DeSilver, Fort Dix, N. J.
 Sgt. G. D. Doane, Camp Stewart, Ga.
 Lt. Donald Eadie, Indio, Calif.
 Lt. D. E. Eastlake, Jr., North Africa.
 Ensign C. T. Edwards, Barin Field, Fla.
 Lt. W. H. Edwards, Randolph Field, Texas.
 A/C H. P. Elliott, Nashville, Tenn.
 Lt. R. C. Engle, Aberdeen Proving Ground, Md.
 Lt. S. M. Enterline, Wright Field, Dayton, Ohio.
 Lt. S. A. Errington, Fort Devens, Mass.
 Kenneth E. Fielder, U. S. N., Bunberg, Pa.
 Lt. W. J. Feigley, U. S. A., Ord Dept., Philadelphia, Pa.
 Lt. R. I. Felch, Fort Benning, Ga.
 J. C. Fisher, U. S. Navy.
 Lt. N. T. Folwell, Fort Myers, Fla.
 A. C. Foss, U. S. A.
 Lt. W. R. Frederick, Fort Benning, Ga.
 Lt. W. E. Fry, Naval Proving Ground, Dahlgren, Va.
 Lt. F. O. Frye, Office of Post Engr., Camp Langdon, New Castle, N. H.
 Lt. R. L. Fuller, Del Rio Army Air Base, Del Rio, Texas.
 Ensign M. C. Gallo, U. S. N. R.
 Pvt. George Giger, Randolph Field, Texas.
 Ensign C. D. Gilchrist, U. S. N. R., Cornell Univ.
 Lt. Stanley Grossman, APO 31, Camp Shelby, Miss.
 R. H. Gunnison, Washington, D. C.
 Lt. J. H. Hagerty, APO 869, c/o Postmaster, New York City.
 Lt. E. S. Hamilton, Jr., c/o Postmaster, Seattle, Washington.
 D. S. Hartwell, Fort Belvoir, Va.
 Lt. W. F. Hauserman, Mare Island, Calif.
 Lt. J. W. Hechinger, Wright Field, Ohio.
 Lt. J. R. Hendry, U. S. A.
 Ensign Edgar Herbert, Jr., Camp Allen, Norfolk, Va.
 Lt. F. Hertzog, U. S. A., Boston, Mass.
 Lt. C. W. Hevner, Quartermaster Sub-depot, West Springfield, Mass.
 Lt. W. K. Hodson, Fort Benning, Ga.
 P. R. Hornbrook, Jr., U. S. N. R., Washington, D. C.
 Lt. G. Houck, Jr., U. S. A.
 Lt. F. H. Housel, U. S. A.
 Pvt. T. R. Hunt, Aberdeen Proving Ground, Md.
 Lt. R. C. Huntoon, APO 1, c/o Postmaster, New York City.
 J. H. Jacoby, Army Flying School, Greenville, Miss.
 A/C C. T. Jerauld, Barracks T-220, Chanute Field, Illinois.
 Lt. R. B. Johnston, Fort Knox, Ky.

At right (top to bottom): Ensign Thomas F. Reider, '37; Ensign Thomas B. Woods, '41; Lieut. William S. Shuttleworth, '42; Aviation Cadet Albert Baker, '45.

Capt. C. F. Kaimbach, Aberdeen Proving Ground, Md.
 Lt. A. M. Karwacki, Sierra Ord. Depot, Doyle, Calif.
 Ensign, Joseph Kaszycki, U.S.N.R., PeEll, Washington.
 Corporal J. F. Keating, Camp Wheeler, Ga.
 Lt. W. C. Kendall, U. S. A.
 Ensign M. D. Kent, U. S. N. R.
 A. J. Koller, U. S. Signal Corps.
 Lt. F. A. Kotulak, A.P.O. 252, c/o Postmaster, New York City.
 Lt. A. E. Lee, Phila. Ord. District, Philadelphia, Pa.
 V. Lichtenstein, U. S. N.
 Lt. F. W. Loomis, Jr., Fort Benning, Ga.
 Lt. S. T. Lowry, APO 5, c/o Postmaster, New York City.
 Pvt. A. P. Luse, Camp Croft, S. C.
 Lt. William B. McConnell, Jr., U. S. A.
 Lt. L. J. McKinley, Camp Sutton, N. C.
 Lt. R. J. McNamara, Phila. Ord. District, Philadelphia, Pa.
 Lt. J. W. Mannon, Scott Field, Illinois.
 Lt. R. O. Marston, APO 3775, New York City.
 Lt. J. H. Mathewson, Pentagon Bldg., Washington, D. C.
 Lt. G. F. Messinger, Fort Benning, Ga.
 Lt. R. C. Miller, Camp Campbell, Ky.
 Lt. R. D. Miller, Wright Field, Ohio.
 Pvt. Warren H. Miller, Camp Breckenridge, Ky.
 Lt. R. E. Montbach, Springfield Armory, Springfield, Mass.
 Ensign R. W. Montgomery, U.S.N., San Diego, Calif.
 Lt. J. H. Mowen, APO 260, Fort Benning, Ga.
 Lt. F. W. Nadig, Pentagon Bldg., Washington, D. C.
 Frank Novitski, U. S. A.
 Lt. A. M. Paget, Naval Supply Depot, Norfolk, Va.
 Lt. (j. g.) J. W. Prinkey, Navy Yard, Brooklyn, N. Y.
 Lt. L. A. Priolo, Wright Field, Dayton, Ohio.
 Ensign R. G. Rasmussen, U. S. N.
 Midshipman C. G. Reber, Univ. of Notre Dame, Notre Dame, Ind.
 Lt. C. H. Reichardt, APO 923, San Francisco, Calif.
 Lt. R. L. Renker, Columbus Army Flying School, Columbus, Miss.
 Lt. A. A. Riemony, APO 922, c/o Postmaster, San Francisco, Calif.
 A/C J. T. Riley, U. S. A.
 Ensign G. M. Ritchie, Anacostia Field, Washington, D. C.
 Pvt. P. B. Robeson, Lowry Field, Denver, Colorado.
 M/Sgt. John Ryle, Camp Edwards, Mass.
 Ensign F. J. Schineller, Bureau of Ord.
 Lt. W. E. Scott, Fort Benning, Ga.
 Capt. R. M. Shepherd, Fort Benning, Ga.
 Lt. W. B. Simpson, c/o Fleet Post Office, San Francisco, Calif.
 A/C J. L. F. Sipp, Ontario, Calif.
 Sgt. Stanley Sliwka, APO 650, c/o Postmaster, New York City.
 Lt. W. W. Smyth, c/o Postmaster, San Francisco, Calif.
 Ensign E. R. Snovel, Jr., U.S.N.R., Bureau of Ord.
 Ensign C. C. Snyder, U.S.N.R., Washington, D. C.
 Ensign R. B. Spilman, U.S.N.R.
 Lt. J. H. Stives, Camp Gordon, Johnston, Fla.
 Lt. R. B. Strode, Camp Gordon, Ga.
 Lt. R. L. Stubbings, Fort Benning, Ga.
 Capt. F. A. Szabo, Moore Field Mission, Texas.
 Lt. J. P. Taylor, Moultrie, Ga.
 R. O. Taylor, Camp Shelby, Miss.
 Kenneth R. Templeton, S 2/C, Naval Trng. School, Boston, Mass.
 Lt. A. H. Thomas, Phila. Ord. Dept., Philadelphia, Pa.
 Cadet G. F. Thompson, Mitchel Field, N. Y.
 Leon Trivers, U. S. Navy.
 Lt. K. W. Trone, Camp Hood, Texas.
 Lt. R. M. Ulmer, Fort Benning, Ga.

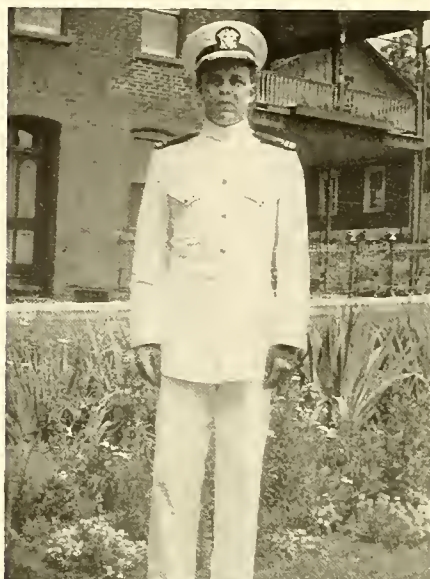


C. A. VanBrunt, Scott Field, Illinois.
A/C R. L. Vockel, U. S. A.
Lt. W. H. Vogelsberg, Phila. Ord. District, Philadelphia, Pa.
Lt. (j. g.) A. C. Wagner, U. S. Coast Guard.
Lt. S. R. Walker, Army Air Corps.
Pvt. M. A. Weil, Fort Benjamin Harrison, Ind.
Pvt. Stephen Weinrib, U. S. A.
Lt. Henry G. Werner, Camp Sanita Anita, Calif.
Ensign W. E. Wieland, Naval Mine Warfare School, Yorktown, Va.
Lt. J. E. Wigg, Greenwood, Miss.
A/C W. J. Wise, Maxwell Field, Ala.
Ensign T. B. Woods, U. S. N.
Lt. J. F. Young, Jr., Greenville, S. C.
Lt. R. S. Zachary, Kelly Field, Texas.
Lt. A. H. Zane, Jr., Fort Benning, Ga.
Lt. F. A. Zimmerman, A.P.O. 958, c/o Postmaster, San Francisco, Calif.

CLASS OF 1940

Lt. Warren W. Ache, APO 928, c/o Postmaster, San Francisco, Calif.
Lt. R. G. Adamson, APO 252, c/o Postmaster, New York City.
Lt. Bernard Altschuler, Aberdeen Proving Ground, Md.
Lt. R. C. Baggot, Fleet Post Office, San Francisco, Calif.
J. C. Barr, Lawrenceville, Illinois.
Ensign H. R. Beucler, U.S.N.R.
Ensign E. Billstein, U. S. Naval Trng. Station, Great Lakes, Illinois.
F. G. Binger, Bethlehem, Pa.
A/C L. R. Bittel, New York University, New York City.
Lt. A. M. Bloss, Fort Benning, Ga.
Lt. A. V. Bodine, Maxwell Field, Ala.
Capt. G. L. Brandt, Turner Field, Ga.
Ensign N. J. Brisker, Bureau of Ord., Washington, D. C.
Cpl. C. H. Brotherton, APO 254, c/o Postmaster, Los Angeles, Calif.
Lt. R. E. Brown, U. S. A.
Ensign R. T. Buchsbaum, U. S. N. A. C.
Cpl. J. L. Burgher, Camp Hulen, Texas.
Lt. D. G. Carson, Fort Bragg, N. C.
Lt. R. A. Cary, APO 922, c/o Postmaster, San Francisco, Calif.
Lt. W. R. Clark, APO 923, c/o Postmaster, San Francisco, Calif.
Lt. John Cochran, APO 76, Fort George Meade, Md.
Lt. John H. Colbaugh, Camp Gordon Johnston, Fla.
Lt. A. J. Collins, Ellington Field, Texas.
Capt. H. M. Conner, Unit 615, c/o Postmaster, San Francisco, Calif.
Lt. J. Constantine, Jr., U. S. Marine Corps Reserve.
Lt. W. J. Contreras, Fort Knox, Ky.
Lt. J. F. Conwell, Camp Santa Anita, Calif.
Pfc. C. M. Cooder, U. S. A.
Capt. A. T. Cox, Fort Benning, Ga.
Lt. J. C. Coyne, Wright Field, Ohio.
Lt. W. R. Csellak, Lawson Field, Fort Benning, Ga.
Lt. J. A. Dallen, Monroe, La.
Lt. E. F. Dannemiller, Camp Croft, S. C.
Midshipman O. M. David, New York City.
P. W. Davis, U. S. N.
Capt. J. E. Decher, Naval Air Station, Pensacola, Fla.
Lt. P. G. DeHuff, Jr., U. S. A.
Pvt. A. G. Delany, U. S. A.
Lt. D. G. Denison, Jr., Oxnard, Calif.
Capt. M. L. Diamond, Colorado Springs, Colorado.
Lt. W. H. Eilers, Harding Field, Baton Rouge, La.
Lt. F. B. Elliott, Bennettsville, S. C.
Midshipman M. C. Elmer, Univ. of Notre Dame, Notre Dame, Ind.
Ensign C. G. Evans, Cornell Univ., Ithaca, N. Y.
Lt. L. H. A. Feher, APO 4090, c/o Postmaster, San Francisco, Calif.
Pvt. H. F. Feucht, Fort Eustis, Va.
Lt. R. F. Finkle, Greenville Field, Fla.
A/C B. Van W. Fletcher, Spence Field, Ga.
Pvt. F. E. Galbraith, Jr., Army Air Base, Reno, Nevada.
Ensign T. E. Gerber, Norfolk, Va.
Lt. D. R. Glinder, U. S. A.
Lt. F. P. Glueck, Fort Monroe, Va.
Pvt. E. K. Goodman, Fort Jackson, S. C.
Lt. R. S. Gowdy, Camp Claiborne, La.
Lt. S. M. Grafton, New York Ord. District, New York City.
Lt. S. R. Griffith, Aberdeen Proving Ground, Md.

Lt. G. V. Griffith, Fort Belvoir, Va.
Lt. C. R. Griffiths, Commerce Bldg., Pittsburgh, Pa.
Lt. C. F. Guilford, Camp Adair, Oregon.
Lt. A. F. Haffenreffer, APO 502, c/o Postmaster, San Francisco, Calif.
Lt. J. I. Hammond, Office of Chief of Ord., Washington, D. C.
Lt. T. B. Hand, APO 1099, c/o Postmaster, New York City.
Lt. A. H. Harding, c/o Postmaster, New York City.
Lt. J. R. Harris, Jr., Randolph Field, Texas.
Lt. J. S. Hartzell, Greenville, S. C.



LIEUT. (J. G.) MARK WOLCOTT, '37

"a flight surgeon in the Marines"

Lt. C. B. Heisler, Fort Benning, Ga.
Lt. F. H. Hewitt, Jr., Morrison Field, West Palm Beach, Fla.
Lt. J. G. Hughes, Pine Camp, N. Y.
Lt. W. H. Innes, U. S. A.
Ensign A. B. Irvine, Olathe, Kansas.
A/C W. A. Jones, Pre-Flight School, Selman Field, Monroe, La.
Lt. Quentin Keith, APO 870, c/o Postmaster, New York City.
Lt. Richard C. Kelley, APO 631, c/o Postmaster, New York City.
Sgt. H. L. King, Banning, Calif.
Lt. R. F. Koenig, Ord. Dept., New York City.
Capt. F. Kornet, Jr., Aberdeen Proving Ground, Md.
Lt. J. E. Lagouros, APO 930, c/o Postmaster, San Francisco, Calif.
Ensign H. A. Leidich, Jr., Fleet Post Office, New York City.
Capt. W. G. Leonard, Moody Field, Ga.
Pvt. H. J. Lewis, Miami Beach, Florida.
Pvt. J. O. Liebig, Jr., Fort Benning, Ga.
Lt. G. E. Lien, Camp McCoy, Wisconsin.
Capt. C. F. Lincoln, Governors Island, N. Y.
Sgt. G. Linkletter, APO 980, c/o Postmaster, Seattle, Washington.
Lt. J. F. Lobach, Jr., Pearl Harbor, T. H.
Lt. D. W. MacFetters, APO 869, c/o Postmaster, New York City.
A. A. McCambridge, U. S. N.
Lt. J. J. McCluskey, U. S. A.
Lt. J. J. McFadden, Camp Howze, Texas.
Capt. J. F. McQuillin, U. S. A. (overseas).
Capt. R. V. Mackey, Jr., Erie Proving Ground, LaCarne, Ohio.
Pvt. R. P. March, Miami Beach, Fla.
Lt. W. Mattes, Turner Field, Albany, Ga.
Midshipman C. S. Merkert, Univ. of Notre Dame, Notre Dame, Ind.
Lt. R. R. Merwin, APO 3552, c/o Postmaster, Seattle, Washington.
Ensign A. S. Mickley, Cornell Univ. Ithaca, New York.
Pvt. E. H. Miller, New Cumberland, Pa.
Lt. R. H. Miller, APO 939, c/o Postmaster, Seattle, Washington.

Lt. T. W. Millet, APO 863, c/o Postmaster, New York City.
Lt. H. E. Moosmann, APO 1223, c/o Postmaster, New York City.
Lt. J. L. Moreau, APO 633, c/o Postmaster, New York City.
Ensign G. B. Motheral, Naval Mine School, Yorktown, Va.
Pvt. R. C. Muir, Jr., U. S. A.
Pvt. A. F. Myhr, Chanute Field, Illinois.
Lt. (j. g.) L. R. Naegely, Coronado, Calif.
Lt. J. J. Nicol, Seattle, Washington.
Cpl. J. L. Nolan, Jr., Camp Stewart, Ga.
Ensign R. A. Nordt, Hagerstown, Md.
Capt. O. V. Norvig, Office of Chief of Ord., Lansing, Michigan.
Lt. J. R. O'Meara, c/o Postmaster, New York City.
E. D. Osbourne, U. S. M. C.
Lt. M. H. Patterson, Phila. Ord. District, Philadelphia, Pa.
Lt. D. C. Paul, Camp Gordon Johnston, Fla.
Lt. J. S. Peterson, U. S. A.
Lt. E. P. Phillips, APO 924, c/o Postmaster, San Francisco, Calif.
Lt. F. D. Pierce, Fort B.
Lt. W. B. Pohlman, APO 862, c/o Postmaster, New York City.
Lt. S. B. Powers, APO 838, c/o Postmaster, New Orleans, La.
Capt. H. M. Randel, Patterson Field, Ohio.
Sgt. C. F. Rehman, APO 3417, c/o Postmaster, Miami, Fla.
Capt. R. J. Reid, New York City.
S/Sgt. G. H. Reussner, Jr., Pierre, South Dakota.
Lt. C. H. Richardson, APO 77, Leesville, La.
Lt. J. C. Richardson, U. S. A.
Capt. J. M. Roberts, Fort Benning, Ga.
Lt. Lester Rosenfeld, Camp Edwards, Mass.
Pvt. H. E. Schaffer, Frankford Arsenal, Philadelphia, Pa.
Lt. W. F. Schaffer, U. S. A.
Pvt. Isiah Scheeline, Jr., Eagle Paso, Texas.
Ensign C. T. Schrader, Cecil Field, Jacksonville, Fla.
Lt. A. Mc. Schuyler, U. S. A. (overseas).
Lt. W. M. Schweder, APO 502, c/o Postmaster, San Francisco, Calif.
Lt. E. H. Scott, Camp Shelby, Miss.
Lt. P. W. Seiler, Jr., Belle Mead, N. J.
Ensign R. J. Seugling, Norfolk, Va.
Ensign N. A. Shane, Bethlehem, Pa.
Lt. E. M. Sharp, APO 871, c/o Postmaster, New York City.
Ensign W. M. Shelly, Newfoundland.
Lt. W. D. Shields, Jr., U. S. A.
Capt. S. F. Shireman, APO 3614, c/o Postmaster, New York City.
Lt. H. N. Siebold, APO 668, c/o Postmaster, New York City.
Ensign J. B. Slaughter, Naval Air Station, Dallas, Texas.
Lt. Gardner Sletten, APO 1220, c/o Postmaster, New York City.
Lt. B. A. Smith, Maynard Ord. Depot, Maynard, Mass.
Lt. J. R. Steeg, APO 634, c/o Postmaster, New York City.
Lt. W. W. Steele, Jr., Camp Hood, Texas.
Pvt. R. G. Steinhardt, Camp Sibert, Ala.
Lt. R. E. Stevens, Jr., Fort Dix, N. J.
Capt. C. L. Stieg, Hondo, Texas.
Ensign T. E. Tate, U. S. Coast Guard, New York City.
Lt. J. W. Temple, Japanese prisoner.
Capt. H. W. Thomas, Africa.
Lt. W. J. Thomas, Camp Ritchie, Md.
Lt. O. C. Thompson, APO 3017, c/o Postmaster, San Francisco, Calif.
Capt. W. B. Todd, APO 4, Camp Gordon, Ga.
Cadet J. R. Torrens, Cambridge, Mass.
Ensign, A. L. Trumpler, Navy Dept., Washington, D. C.
Randall B. Tucker, Univ. of Colorado, Boulder, Colorado.
Lt. W. R. Turner, West Lafayette, Ind.
Capt. E. G. Uhl, Pentagon Bldg., Washington, D. C.
Lt. (j. g.) W. Valentine, Jr., U. S. N. R.
Lt. H. E. Walther, Fort Eustis, Va.
W/O W. P. Watkins, Fort Eustis, Va.
S/Sgt. Harold Weiner, U. S. A.
Pvt. W. J. Wetherell, Fort Slocum, N. Y.
Ensign, P. Z. Wilson, c/o Postmaster, San Francisco, Calif.
Sgt. H. D. Wintemberg, Rhoads Gen. Hospital, Utica, N. Y.
Ensign, I. D. Wolf, c/o Postmaster, New York City.
Ensign I. D. Wolf, c/o Postmaster, New York City.
Lt. W. B. Wrigley, Fort Story, Va.
Lt. K. H. Zornung, Roch Island, Illinois.

The Sports Parade

HIGHLIGHT of the recently concluded Spring athletic program, the Middle Atlantic States Collegiate Athletic Association track and field championships held on Lehigh's new \$20,000 track found the Brown and White runners placing second to Muhlenberg in one of the closest meets in the thirty-one year history of the Association.

Final tabulation of points found the Cardinal and Gray out in front with 46 markers while Lehigh was right behind with 44½. Rutgers placed third with 43 points while Haverford, Bucknell, Gettysburg, Juniata, Swarthmore, Pennsylvania Military College, Lafayette, Alfred, and St. Joseph's, finished in that order far behind the three leaders.

True to pre-meet predictions the quest for the team title soon developed into a three way battle between Muh-

lenberg, Rutgers, and Lehigh, and it wasn't until the halfmile event that the Mules were able to score the necessary points to annex the championship.

It was in this event that Hill of Muhlenberg scored a startling upset victory over Lehigh's Seigle. The latter, one of the finest half milers to be developed at the University in recent years, came from sixth place midway in the final lap to place third behind



The picture above shows Lehigh's Seigle winning the half mile race in the Middle Three meet. Right: A pole vaulter is caught as he clears 11 feet. Below: A blanket finish in one of the sprint heats.



Hill and Altschuler of Rutgers. Seigle's home stretch sprint brought the large crowd to its feet, but it soon became apparent that he had started his drive too late, and the first two runners crossed the finish line a scant three feet ahead of him.

Lehigh's performance in finishing second in total score was all the more amazing because of the fact that the Engineers garnered only one first place, and that was in the final event, the broad jump which was won by Jack Messinger with a leap of 22 feet 8½ inches. The remaining scores made by Lehigh participants were registered in place points.

A REVIEW of the entire athletic schedule for the year 1942-43 reveals that for the first time since 1938 the Brown and White athletic teams have won the majority of their events. In 1938 the Lehigh athletes won 45 meets, lost 34, and tied 5, but during the past season the teams won 60, lost 41, and tied 5.

Biggest point scorer during the past year Billy Sheridan's wrestling team won nine dual meets and lost none against the usual top flight competition. The Cross Country and Track teams coached by James Gordon, now in the Navy, also campaigned undefeated seasons. The Harriers won four successive victories while the thin clads won two meets and defeated Lafayette and Rutgers in a Middle Three competition.

Most active of all Lehigh teams, the baseball nine, coached by Eb Caraway, won 23 contests, lost 20, and tied 2. Because of the accelerated program this team was able to play games last summer with independent teams in the Lehigh Valley. Plans are also being made for a summer schedule this year, and last reports from the athletic office indicate that more than 15 contests will be played.

The tennis team, tutored by veteran Fritz Mercur, has long been a consistent winner and the past season was no exception as the racquet wielders won six and lost two meets. Both of the

defeats were suffered early in the season, and can easily be attributed to the lack of practice.

The 1942 football record of five victories, two defeats and one tie will go down in history as the best since 1936 when the eleven won six and lost two games.

While no official word has been released about the future of intercollegiate athletics at Lehigh, it is known that all of the teams will be active next year. The football situation, muddled by the untimely passing of George Hoban, '15, will be cleared late this month by administrative officials, and will probably find Leo Prendergast, varsity line coach in 1942, moved up to the position of head mentor. Prendergast will undoubtedly be assisted by Eb Caraway, who coached the Jay Vees in a successful season last fall. Both of these men will be handicapped because all of the good grid material has left college. However, Lehigh will have a football team in 1943 and the schedule will be released in a future issue of the BULLETIN.

University Attendance After the War (Continued from page eight)

students to proceed much later this spring than had been anticipated.

As to Question 2, What will happen to enrollments when the war is over? there are broad considerations which must be taken into account by Lehigh and other universities. Attendance is influenced by local conditions; but it is more dominantly a matter of national or regional tides of opinion, sentiment and economic condition.

There are aspects unfavorable to large attendance in American colleges and universities after the war:

World War I was far advanced when the United States entered and, during the relatively short period of fighting abroad, our losses in manpower were not heavy. To expect a repetition would be overoptimistic. Before the Nazis, Fascists and Japanese are defeated there will probably be heavy casualties among our soldiers.

In addition to the death rate due to war, we must take account of the impending effects of America's reduced birthrate. Population and elementary school attendance statistics of the past decade indicate that colleges and universities will soon face a diminished human reservoir from which to draw.

THERE are aspects favorable to a considerable recovery in collegiate enrollments:

*Five-Year Table of Collegiate Attendance
1938-39 TO 1942-43*

	Number of Institutions	Full-time Attendance	Percentage of Change Over Preceding Year					Full-time Attendance
		1938	1938	1939	1940	1941	1942	1942
Universities, Public	53	266,538	7.3	2.4	-0.4	-8.3	-10.2	223,799
Universities, Private	49	179,019	2.3	-0.2	0.1	-6.1	-7.2	155,814
Colleges of Arts and Sciences	316	192,293	5.4	3.4	-0.2	-3.5	-8.2	175,785
Technological Insti- tutions	38	77,621	9.4	5.9	2.0	-3.2	-5.7	76,472
Teachers Colleges	53	52,646	17.4	8.6	-2.2	-15.6	-23.3	36,184
Totals	509	768,117						668,054

Despite the casualty lists, health conditions in the U. S. armed forces are good and many young soldiers will return sturdier by far than if they had stayed home.

Recent census and insurance reports show improvement in the U. S. birthrate. Some families of financial means have been subsidizing marriages of their sons and daughters so that, among these groups, "the rate of reproduction may be equal to requirements."

As in World War I the record of college men in winning commissions and advancement in the armed forces is again attracting attention. In 1918 many veterans returned to or began college or told their younger brothers about the advantages of higher education. It appears possible that there

will be a repetition of the trends which followed the last war. In the 1920's the population of the United States increased 16 per cent while college enrollments mounted 84 per cent. A factor in the period ahead may be the proposed financial subsidies,—payment by federal and state governments toward the education of honorably discharged veterans.

The foregoing aspects have been presented objectively. My own opinion, based upon these facts, is that collegiate attendance will rise markedly after the war. My own hope is that Lehigh and other universities and colleges will, in their teaching of post-war students, contribute to make a world in which intelligence and cooperation and beauty shall be the common quest.

The War Role of Engineering Colleges (Continued from page ten)

and Navy. In these projects, known as the Army Specialized Training Program and the Navy College Training Program, depending on whether the trainees are soldiers or sailors, men are sent to specific colleges for special training. The courses are designed to train the students for important specialized service and are prescribed by the Army or Navy, although in general they conform rather closely to the standard engineering courses in many colleges. The splendid response of our engineering colleges to these training programs will ameliorate the critical shortage of engineering personnel facing the armed services and war industry.

Many engineering colleges are also conducting Civilian Pilot Training programs for the Army and Navy. This work was started in 1939 in order to meet the tremendous demand for pilots. The course consists of two parts: ground school and flight training. The ground school includes courses in civil air regulations, navigation, servicing and operation of aeroplanes, aircraft identification and meteorology. Engineering colleges are especially prepared both by staff and equipment to teach ground school, and in some schools that have airport facilities near the campus the college conducts both phases of the program, although usually the flight training is conducted by private aviation companies.

ENGINEERING schools with Reserve Officers' Training Corps units have been training reserve officers for the Army since the R.O.T.C. was created by the National Defense Act of 1916. As a result of these years of training of reserve officers in our engineering colleges, practically all of the officers of the Corps of Engineer Reserves, prior to 1940, were graduates of engineering colleges and technical schools and most of them had become officers by the R.O.T.C. route. About a year ago the Army had about 120,000 Reserve and National Guard officers and 15,000 regular officers. More than half of the Reserve and National Guard officers were graduates of R.O.T.C. units. Many of the Ordnance, Artillery (Field and Coast), Chemical Warfare and Signal Corps officers have been trained in our engineering colleges.

Those engineering schools with

Naval R.O.T.C. units have been training officers for the Navy for many years and since the outbreak of the war thousands of engineering graduates have been commissioned in the Navy. The Navy is also cooperating with a number of engineering colleges for training officer candidates for many specialized services.

It is impossible in this article to outline all the activities that engineering colleges have been conducting to train students for the war effort. In addition to Pre-Radar courses and Ultra-High-Frequency Techniques conducted in many electrical engineering departments, and Diesel Engineering courses conducted in mechanical engineering departments, there are many other courses for selected groups of Army and Navy officers being offered by engineering colleges that have special facilities needed for teaching them.

Despite all these training programs there is still a serious shortage of manpower in the technical and professional fields and it is imperative that the colleges continue and expand their training services. The shortage of engineers is especially acute.

Thus the war has put a premium on engineers. General Crawford of the U. S. Army Engineers School at Fort Belvoir states "Actually, every branch of the Army requires men of technical training and experience. I think it is generally recognized that as a class, the engineering graduate makes the best type of officer material of all branches. This is natural, not only because of the highly technical character of modern warfare, but also because the mental processes that are inculcated in the engineering student are those which are the most akin to the processes that are required in the solution of tactical problems. It might be added that because of the training in the handling of men and materials which the engineer is most likely to have, he has had more opportunity to develop the qualities of leadership which are essential to an officer."

The historian who will chronicle the events of this war will undoubtedly pay high tribute to the engineering colleges for the splendid contributions and noteworthy achievements they have

made in both their training and research programs. "The fruits of their labor have been good." As they had dedicated their facilities, buildings and equipment to the service of their country long before Pearl Harbor, so we will find them ready to renew the task of preparing young men for the tremendous work of reconstruction when the war is won.

Undoubtedly the role they will play in the post-war period will be even greater than at present. Although it is always precarious to predict the future, yet it is prudent to plan for it by extrapolating on the basis of the best information and data available. In order therefore to forecast what the future may hold for the engineering college let us consider the last war as a criterion. On this premise, I think it is safe to say that the present war will be followed by an era of reconstruction, industrial development and scientific research beyond our most sanguine expectations. When we realize that our "war born" industries such as synthetic rubber, magnesium, aviation, organic chemicals, electronics and many others will have to be converted to a peace-time economy, then we can see that there will be a great demand for engineering services and engineers. As a result of these opportunities for engineers the enrollments in our engineering colleges will undoubtedly increase. In addition, demobilization of the armed forces will release many men who will return to college to finish their courses interrupted by the war. This backlog of students, together with the number of students that constitute the normal student body will tax the resources of our colleges for several years after the war is over.

INDEED as a result of the war the engineering college will undoubtedly extend its services more than ever beyond the academic walls of the campus. The training programs that are being conducted for industries by nearly all our engineering colleges have awakened them to the need for and desirability of extension courses for industrial workers, and this type of training work will continue and become a permanent and important part of the program in many of them.

Whatever results these courses have achieved, probably the most lasting effect is the splendid cooperation that they have promoted between the college and industry. This cooperation will continue after the war and after the government ceases to maintain and support its training programs.

It also doesn't seem very hazardous to me to forecast that research will play an increasingly important role in engineering education in the post-war period. The tempo of technical progress is being accelerated by the war and it is logical and reasonable to expect that this will stimulate research both in our colleges and in industry. Many university professors are at present employed in industrial and research work. No doubt many of them will continue their association with industry in a consulting capacity after the war, and this will result in greater collaboration between industry and the college and thus enhance university research and graduate work. Such collaboration will be very beneficial to the university, because there is nothing to match research for producing in the student a professional appreciation of his work. For him to see research in progress and to note the scientific approach to the solution of industrial problems is an essential part of his education. It is like an elixir in the educational process.

So the urgent need for engineers is not only for the war effort, but for the great era of reconstruction and industrial activity that will follow. It therefore becomes the duty of our engineering educators in counseling present and prospective students to inform them about the opportunities for engineers and the important part engineering will exert in providing our country with an economy that will form the basis of a higher standard of living. And if the engineering colleges in the post-war period will continue to select their students carefully and give them that thoroughness of training that has proved so successful in meeting the students' needs and interests, and I am confident that they will do this, then a greater day will dawn for the engineer and he will have unbounded opportunities in directing the amazing developments in industry and science that the post-war period will witness.

The Student



Looks Ahead...

... and inadvertently writes a compelling Fund appeal

This editorial published recently in the student paper is of a controversial nature and does not necessarily represent the opinion of the Editors. However, it has caused so much comment that it is republished here for Alumni readers.

For many of us, the end of one of life's indoctrination periods is at hand. For four years we have secluded ourselves from the world about us and have let Lehigh prepare us to face the competitions and responsibilities that must confront us in the outer world. Now life at Lehigh is finished.

Lehigh has been good to her sons; the record is plain. Hardly less has she done her best for us who are about to leave her now than she did for those thousands of others who are our predecessors. But Lehigh could not create of herself the calibre of man that has distinguished her alumni; no college can do that. Only through the maintenance of her high standard of academic excellence has it been that gifted students who would be a credit to any alumni body chose Lehigh for their alma mater.

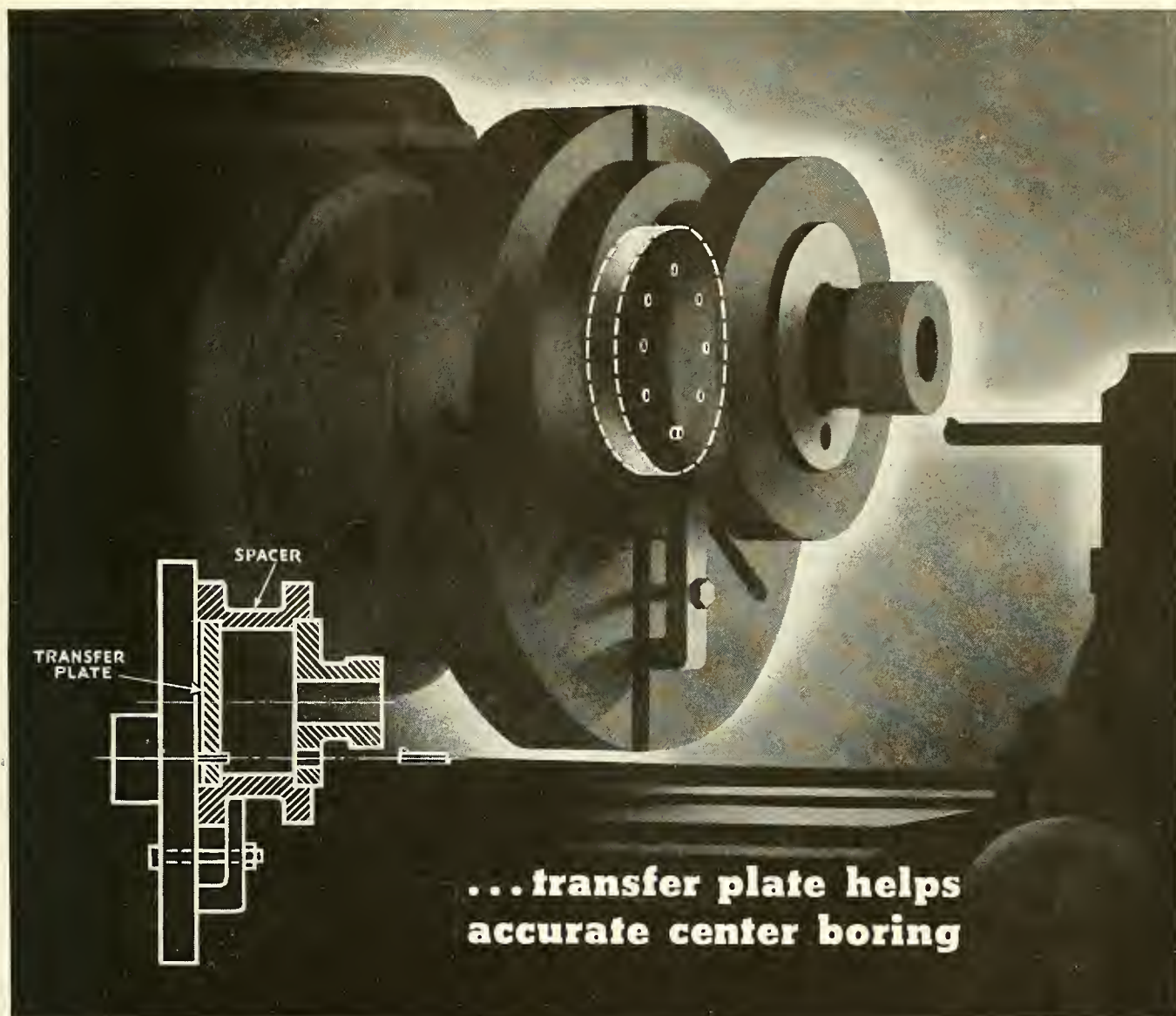
Today Lehigh is at once at a crossroads and at a peak. Partially because of the war, partially because of internal reasons, and in some measure because of a depression hangover, there has been a gnawing at the physical excellence of vital parts of the University plant. What by reputation is a top-flight, progressive engineering university is in need of immediate repair lest it crumble from internal weaknesses. To repair it in time, during a war emergency, will be difficult, yet it cannot be allowed to slide.

In 76 years Lehigh has grown from a dream college composed of a handful of free-tuition students to a place among the great universities of the United States. Each of its colleges stands at the top when compared academically with other institutions and the

fame of Lehigh is world-wide. Her alumni and her administrators have fought for 76 years, often through lean and trying times, to bring the reputation and fame of Lehigh to the point it has reached today. Yet now an internal retrogression that has not yet manifested itself outside the University family and plant bids fair to eat away the mountain it took 76 years to climb, and our fame shall dwindle. This must not be!

The total consequence is not at once apparent. But its severity can be brought to light by pointing out that a few thousand dollars expended now can go a long way toward removing the fault. In a few years without such expenditure, however, not only will the calibre of student change, but the numbers as well, and the rectifying funds will no longer be readily available. The ultimate and if no measures be taken, the unavoidable consequence of the entire succession of events—is the disintegration of Lehigh's reputation, student body, and a marked drop in the type of matriculating student. Lehigh will have passed the peak and will have taken the wrong turn at the crossroads. She will be going down.

We who are about to leave Lehigh forever are jealous of her future. We are about to become alumni, heirs of a great institution of learning. Our jealousy has become infinitesimally but concretely voiced through our ever-increasing support of the Class Gift plans, and we mean to guard the future of our Alma Mater by every means that is at our disposal. Now, as we depart, we leave a school falling rapidly behind the times. Expenditures to the extent of \$50,000 are essential, and if judiciously made now they will make solid the Lehigh that ought to be. Over so small a sum the future of Lehigh may well rest; next year may be too late.



Information supplied by an Industrial Publication

The problem of drilling a number of holes in a part on precise center distances is seldom simple. It is particularly complicated in mass production of parts where holes must register accurately.

The answer in one plant is what is known as a transfer plate. This is really a circular template, of any thickness over $\frac{1}{8}$ inch, with uniform holes drilled on accurate centers. These holes fit a pin located at the exact center of a lathe face plate.

In mounting, the work is assembled to the transfer plate with a spacer between. The assembly is pinned

to the face plate through one of the holes in the transfer plate, and clamped tight.

A boring bar in the lathe tool rest can be used to bore a hole of any desired size in the work. The hole will be exactly in line with the pin, and consequently with the hole in the transfer plate.

Subsequent holes are bored by passing the pin through the remaining holes in the plate, until all are bored. When finished, every hole, regardless of diameter should be on the same center as the corresponding hole in the plate.

CLIMAX FURNISHES AUTHORITATIVE ENGINEERING DATA ON MOLYBDENUM APPLICATIONS. MOLYBDIC OXIDE—BRIQUETTED OR CANNED • FERROMOLYBDENUM • "CALCIUM MOLYBDATE"

Climax Molybdenum Company
500 Fifth Avenue • New York City

FOLLOWING THE *Lives* OF LEHIGH MEN

CLASS OF 1886

E. S. Stackhouse, Correspondent
111 Park Avenue, Greenwich, Conn.

In my last letter reference was made to Richard Harding Davis, a member of 1886. My first contact with Davis was at Ulrich's Preparatory School, located near the University, which was later developed into the Bethlehem Preparatory School, and moved to West Bethlehem. A story about Davis was current among the students at that time. Some friend asked Davis how he was getting along at school. "I would be getting on fine," he replied, "if it were not for that darned long division."

I have our prep class picture and up out of the center of it Davis stands, a burly figure, side to camera, and gazing intently at a calla lily in his hand, thus dominating the whole group. Nothing could better illustrate Davis' spirit, for just at that time newspaper headlines were full of Oscar Wilde's visit to the United States, and his cult of the aesthetic contemplation of the unutterable, or whatever it was. Davis was always an exponent of the novel, the bizarre. He wanted to be spectacular and different: he wanted to attract attention.

About the time of our cane rush with 1885 there appeared in The Bethlehem Times a series of communications signed "Old Fogey" which castigated the cane rush as an institution of savagery, brutality and indecent exposure, and arguing that it should be dropped in favor of a more dignified form of class contest.

These letters caused quite a sensation among the student body, and gave rise to many speculations as to what long haired, lean and hungry ascetic had been bold enough to attack this old and time honored institution. They were answered by members of the student body and for awhile a merry contest was floating in the press.

Imagine our surprise in later years to find that "Old Fogey" was none other than Richard Harding Davis, one of the participants in the rush, on our side. No doubt these letters, and Davis' position on the matter, had a considerable influence in changing, later on, the code at Lehigh governing class contests.

Davis took such studies and lectures as he wished, adding or discontinuing in accord with his own whims, and the work that he, and later on, his brother, Charles Belmont, took at the University became known as the Davis Special Course. One of Davis' biographers refers to this and states that the Davis Special Course finally settled down to English Literature and Guitars.

From all this it would seem that Davis was a lazy fellow, a loafer and a dolt, but such was not the case, as he was, no doubt, the most active man in the class, but living his own life and playing his own game.

His slender contact with University studies left him free to indulge to the full in all the activities of college life and he soon became head and front in all those student activities which appealed to him—literature, dramatics, athletics and student social societies.

He was practicing and playing on all those minor chords of University life which later on so successfully enabled him to strike those major chords in the larger and fuller life of the world which shall not cease to vibrate for many a day to come.

It was as if the University was a vast stage on which a play was being rehearsed, with Davis as stage manager and star actor. The

background was Packer Hall and old South Mountain, the props were various organizations of the University—athletics, literary, social, dramatic. South Bethlehem was the pit and a part of the stage. Bethlehem was the orchestra, while West Bethlehem and Nisky Hill were the boxes on either side. The actors were taken from the campus.

Davis held the script and was constantly moving in and out of the wings and across the stage. He revised the script from day to day and week to week. The curtain was down, but from the outside could be heard great activity, sound of saw and hammer, the movements of furniture, the mumbling sounds of voices, and then suddenly, up comes the curtain on another scene.

It might be a football game with Lafayette, an '86 Epitome just out or a first performance of the Mustard and Cheese Dramatic Society at the Bethlehem Opera House. But whatever it was the scene was novel and striking, almost bizarre. It carried action and rapid movement, and in the center was always R.H.D., directing and acting, lost in the movement of the moment, the hero of the hour. From the outside on the part of students and citizens there was a lot of carping and criticism, and many a jibe and joke was pointed at his egotism, his arrogance, his desire to monopolize everything, but when the curtain was up all was forgotten and the applause was universal.

And then one day the actors were shifted, the scenes were changed, and Davis found himself on other stages—Philadelphia—New York—"The West Through a Car Window"—the battlefields of the world. Then it was that we of the outside could see that the stage at Lehigh was but a preliminary, a preparation, a training for Davis and other actors of his group as they approached that bigger stage of the world's activities whereon they have played such conspicuous parts.

There is one man in our class who was most intimately associated with Davis in all his college activities and could give a realistic picture of his intellectual processes at this time of his preparation for his life's work, and that is Dr. Mark Howe, and I am hoping that he will some day give us such a picture of one of Lehigh's most noted and gifted sons, not only for our information at this time, but for the record for all time.

CLASS OF 1890

H. A. Foering, Correspondent
Bethlehem Trust Bldg., Bethlehem, Pa.

News seems to be scarcer than gasoline. So long as the remaining twenty-six of us keep kicking, we will keep the '90 banner floating high, and we should be willing to subject ourselves to a flock of kickings than dry up. So come along boys, with kicks. We can take it.

But if you have no kicks, we have some. Our class has an exceptionally poor record this year on Alumni dues, grants, BULLETIN, and Income. The latter is the most important. It is our expression of gratitude for the great service our Alma Mater has rendered us and we should not forget her.

Sherman has kindly agreed to help me and he has obtained good results. Send your contribution to Alumni Office, Lehigh University, if you have overlooked it, or if you prefer you may send it through your class agent.

CLASS OF 1891

Walton Forstall, Correspondent
Ithan Ave., Rosemont, Pa.

Word has just come of the death this winter in Florida of Mrs. Patterson. Those of us who knew this gracious lady and met her at reunions, appreciate in small measures her husband's loss. Our deep sympathy is his.

Paine sends the latest issue of many years of his "Gold Star List of American Fiction." It was put to immediate use by the family's school librarian. It has been so used by hundreds of librarians. Paine may take merited pleasures in the influence he has thus exerted towards worthwhile reading.

J. R. W. Davis writes about his Gift to Lehigh and Rice sends a card of greeting.

CLASS OF 1892

H. H. Davis, Correspondent
132 Liberty St., Newtown, Bucks Co., Pa.

I regret that I had no news items for the May issue, as no one apparently had any items that they thought might be interesting to the other members of our class.

However, the following notes were forwarded to me for which I have to thank W. Y. Brady.

Macaulay has been compelled to do double duty as President and Chairman of the Packard Motor Car Co. during the past winter, due to the death of the President of the company.

Charles Wood has quite recovered from his illness of a year ago and will be among the early ones to contribute to the Lehigh Alumni Fund.

George Case met with an accident last year and is getting back into good shape again.

I find that some of our class would like to return to Bethlehem this coming June but transportation seems to be the great stumbling block.

The government does not encourage any kind of transportation among civilians and walking that distance is a little beyond the ability of many of us to do.

I hear from Bob Kitchel occasionally and he is in good health and is kept busy.

CLASS OF 1893

Robert C. H. Heck, Correspondent
51 Adelaide Ave., New Brunswick, N. J.

It is a disappointment that my correspondence for the April BULLETIN arrived too late for publication. I did not know this until the April number came to hand early in May. However, these notes appeared in the MAY BULLETIN—I am writing under date of May 6.

While the number who have replied to my letter is not a very large proportion of the class, there have been so many replies that the best thing to do will be to list them with brief comment; fuller outlines of life activities can come later.

James E. Miller, April 5; still in business as a Professional Engineer, at 80 William St., New York. Has been concerned mostly with utilities and has travelled widely over the world.

Floyd K. Smith, April 13; had only one year with us, but is yet interested; went to Cornell. Life work in the steel industry. Retired 1939. 282 Summer St., Buffalo, N. Y.

Fred Fuller, April 15; long time since any communication with him. Graphite Metallurgy Corporation, bearings, etc. Still active, but like the rest of us, not so strenuously as in older times.

John D. McPherson, April 15; got out of engineering, has operated fruit farm. (Really, Class of '94, but very welcome).

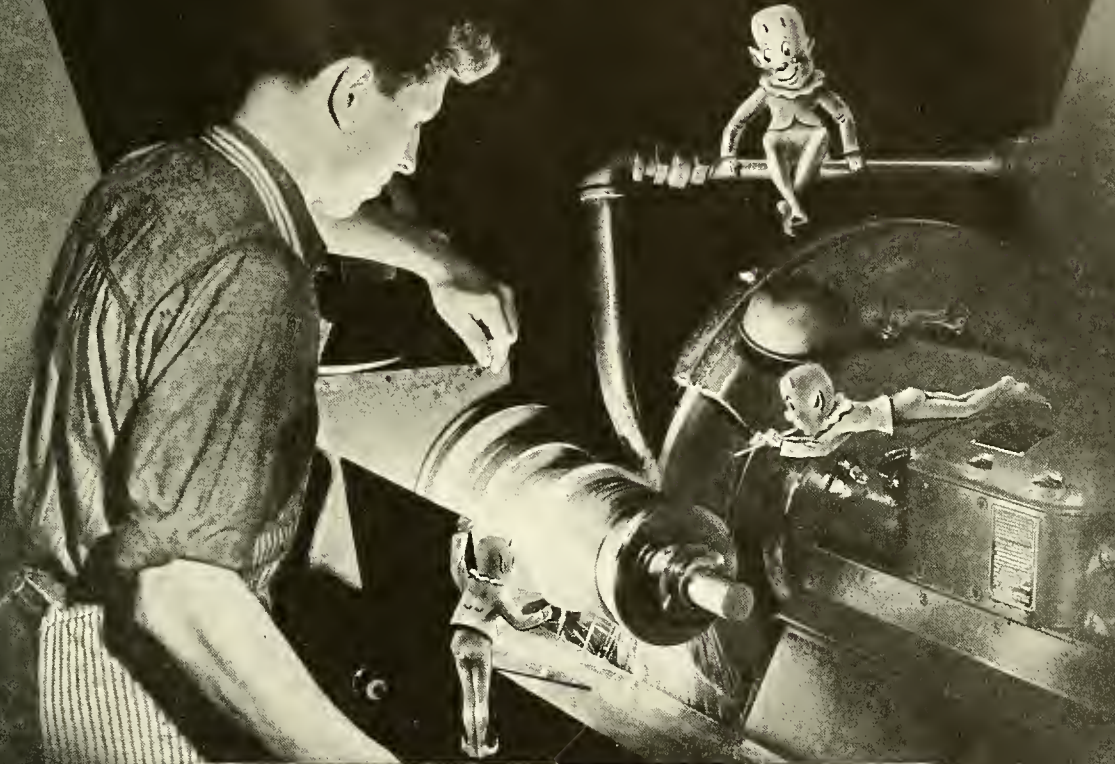
Albert G. Gee, April 24; has had a long steady job with Parks Shellac Company, Fall River, Mass. Claims a quiet and uneventful life.

J. Howard Reber, April 26; Lawyer, with dramatics and music as avocation. Now active in entertainment for soldiers.

Frank S. Loeb, May 5; one of our regular attendants at reunions; still keeps an office; residence, 5417 Plainfield St., Pittsburgh.

Deaths since the last reunion (1938) are as follows, some of them recently reported to me:

There are GRINDLINS too, as well as Gremlins



As the fiendish little Gremlins dance on the wings of the airplane, and ride the radio beams,
just so, devilish little Grindlins tease and hamper the precision grinding machine operator.

"Your wheel is too soft, buddy," gleefully chirps the Grindlin. "Too soft, nix," says the voice of experience. "I true it more frequently because it has worn down to a smaller diameter."

"Ah, I've made your wheel glaze," he taunts. "True enough, you young imp" is the retort, "but I'll just increase the work speed, then watch it cut."

Think this over: Why be heckled by Grindlins while production lags. Norton engineering experience has met up with all their tricks that slow production and impair finish.

NORTON COMPANY • Worcester, Massachusetts
Behr-Manning Division—Troy, N. Y.

NORTON ABRASIVES

Oswin W. Shelly, 1937—reported Sept., 1938; Charles P. Stackhouse, October 1939; J. H. Westcott, December 1940; A. R. Nicholson, October 1940; W. Lock Rockwell, November 1940; William C. Miller, March 1941; Charles W. Throckmorton, May 1941; Dorr L. Gessner, March 1942; George Stern, March 1942; Charles M. Douglas, March 1942; John S. Carman, January 1943; Edward A. Soleliac, February 1943; Charles L. Keller, March 1943; Armin Schotte, April 1943.

CLASS OF 1894

T. G. Empie, Correspondent

209 South Fifth Street, Wilmington, N. C.

In my last letter, I said you would likely hear no more until the Fall as the Reunion Classes were afforded the space in the July BULLETIN; but since then the last BULLETIN tells me that Reunions are out for the duration. If the duration lasts too long, I am afraid we could stop at the word "out".

Lately I have received a letter from a friend of ours high up in the councils of Lehigh who tells me that he had a letter from Godwin Ordway, and in it was this paragraph which he thought I might want for class notes:

"My part in this war is strictly vicarious. One son, also a colonel, Godwin Jr., is here for the present; one son in the Embassy in London, and one daughter working for the Air Transport Command. The one in London asked me by letter received today to send him an alarm clock. Little does he know that alarm clocks are as scarce here as in London."

Knowing the native modesty of a '94 man, unless I had the aegis of this Lehigh dignitary I would hesitate to use it.

A letter from Beinhower tells that the Class has subscribed over its quota, which I know is a cause of gratification to all of us.

I am expecting to spend July, August and September in Bethlehem at Hawthorne House, Seneca Ave. and Mohican St. Come and see me.

CLASS OF 1896

W. S. Ayars, Correspondent

269 Leonia Ave., Leonia, N. J.

This bit of copy is supposed to be in the hands of the editor on or before the third day of May, and today is the 29th of April. I was reminded of it by receiving today a few letters from Bob Laramy, written him in response to a certain plea for funds, of the type so very familiar to Lehigh men. I have read these letters and found them very interesting, but, as so often happens, their isn't much in them that I think the writer would want to see in print. On several previous occasions I sent in various items which I thought of general interest and in no way reflecting upon the writer, only to have him write me later and scold me for "giving him away"—or words to that effect. So—well, you know that old one about the burnt child and the fire.

Many of these letters are decidedly nostalgic, and bemoan the passing of the Good Old Times. About the busiest and most cheerful man of the group seems to be Bert Beck. He still is department head of Chemistry at F. and M. and in addition is President of the Lancaster County Historical Society, a Director of the Hawk Mountain Sanctuary Association, and Instructor in Equitation at Linden Hall. Linden Hall, I believe, is a Seminary for young ladies, and Bert will probably hang onto that job as long as he can ride a horse. He is pinch-hitting as Instructor in Geology, and has dropped a course in Ornithology in order to give one in Military Pyrotechnics.

Morris Pool wrote of a hard winter at his Mountainville, Orange County, N. Y. retreat, where he had much snow to shovel; and, due to a flinty-hearted fuel rationing board, had to burn some five cords of wood during the winter to keep from freezing. He did not say whether or not he had to chop and saw the wood. He complains that nobody writes him, naming not only Bob, but Cully and Sam. But I have written him *twice* since he last wrote me, so the pot is again calling the kettle black.

As to Cully, he wrote me not long ago that certain very painful symptoms had finally com-

pelled him to go into the hospital on Tuesday, 27 April, for such treatment as seemed to be "indicated," as the surgeons say. I haven't heard from him since he made this announcement, about a week ago.

Joe Thruston writes briefly from Grange, Va., explaining that he didn't get to Bethlehem last June owing to illness, but adds that he has now entirely recovered.

W. B. Taylor writes from Dorchester, Mass., that he is back in harness and is an Inspector in a shipyard. He doesn't say what shipyard, but Dorchester is close to Quincy, and Quincy is the home of the Ford River Plant of the Bethlehem Shipbuilding Corporation, Ltd.

After being refused a job some dozens of times, because he is over "60," John Simpson finally crashed the gates and is now busily employed at one of the largest of where he is Technical Assistant to the Area Engineer. He works the Army Camps, 8 hours a day, 6 days a week. His work covers such various lines as deep wells for water supply, sewage treatment plants, drainage of large areas, and bulkhead work to redeem land now under water. Also the design and construction of many types of buildings, new roads, and no end of various improvements and alterations. John's present address is 68 Lake Avenue, Red Bank, New Jersey.

There is a short note from Hookie Baldwin, who says he has hopes of being back in June as a member of the B.E.Y.C. There is also a pungent and interesting communication from Jack McBride, but Jack didn't write that letter for publication. If he reads this column, I want to assure him I agree heartily with him on most of what he says about higher education; but I would like to know just what he means by "the Columbia University point of view." After some 21 years of pretty close association with Columbia, I have never discovered any "point of view" that could be regarded as characteristics of the University as a whole. If there is any place where one can believe and speak as he pleases, it is Columbia and what Professor X expounds zealously, Professor Y enthusiastically denounces, while Professor Z calls a plague on both their houses.

Miles Orth, Fairfax Bayard and Pop Olney write briefly, but not for publication.

Personally, I have nothing of any special interest to report, though I do have at present, a gorgeous display of daffodils and other narcissi. I have a large Victory Garden under way.

And that will be all for this trip.

CLASS OF 1897

J. H. Pennington, Correspondent

P. O. Box 159, Trenton, N. J.

Today is the deadline and here I am just writing this epistle. It will not reach the BULLETIN Goddess until tomorrow, which "woe is me," will be too late for this month. Well, when Hitler, Hirohito and some other fellow who is also running quit their monkey business, I'll have more time for screeds like this.

A welcome letter from Griswold just came in, and helps out a lot, considering my own dereliction. Griz starts his letter with a beautiful bit of poetry concerning our lacrosse team. As he uses quotation marks, it was probably a gem which circulated more or less publicly in the press and higher literary circles during the exciting days when we were winning lacrosse championships.

Here is Grizzies' letter:

"Six defenders head the list,
From labor never drop.
Williams, Miller, Enscoe
Johnny Boyt and Pop."

(It is gratifying to know that one's fame can never die, while poets live to perpetuate it).

To continue Griz's letter: "Congratulations to you on your first Lieutenant son, and good luck to him.

"My son is building ships. I would be too, but a month ago I got a flu germ at the office which has temporarily numbed nerves of hands and feet. I shall probably be able to go back in a couple of months.

"Tell Lieutenant son not to judge California too quickly. He has not begun to see it. (I told Griz that letters from my last born had complained of sand, rain and fleas in the vicinity of San Diego, where he flies to and fro be-



"for all Returning Lehigh Men"

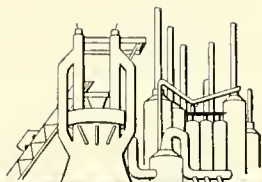
THE HOTEL BETHLEHEM

BETHLEHEM, PENNA.

AMERICAN HOTELS CORPORATION, N.Y.

J. LESLIE KINCAID
President

FROM STEEL MILLS ...



food for victory crops

This spring the Joneses, hundreds of thousands of them all over America, are hard at work in their Victory Gardens. Hands may be blistered, and fingernails broken, but their hearts are singing, for they know how potent a weapon is food, and that they're doing a job that really counts.

Various fertilizers that will make good heading lettuce and heavy bearing tomato plants thrive in many a Victory Garden are based on a by-product of the manufacture of war steels. In the course of last year's operations Bethlehem Steel Company provided a large quantity of plant food for Victory Gardens, as well as for the farmers of America—85,000 tons

of sulphate of ammonia, a by-product yielded in the production of 6,600,000 tons of coke for blast-furnace fuel.

Sulphate of ammonia is a standard ingredient in fertilizer mixtures. It is a salt, soluble in water, and contains 20 per cent nitrogen that plants can assimilate. This nitrogen was stored up by trees and plants eons ago in the coal, and is now recovered as the coal is converted into coke.

The 85,000 tons of sulphate of ammonia that came from Bethlehem steel plants in 1942 can help to raise a lot of food. It would provide the nitrogen content in a standard fertilizer application for 850,000 acres of potatoes, about a third of the country's

normal potato acreage. Incorporated in the Victory Garden fertilizer authorized by the War Production Board, this by-product of Bethlehem's wartime steel production will help to make tomatoes larger and more numerous, will add pods of peas, in myriads of well-tended, well-planned home garden plots. In addition, it will help to increase yields of cotton, corn and wheat.



tween Diego, Hawaii, and numerous cities in the U. S.).

"I was transferred to Mare Island Navy Yard just two years ago, have been given a P-2 rating as Electrical Engineer, and am known at the office as 'The old man of the mountain.'"

"Part of my job is that of Travel Bureau Informant for fellows wanting a vacation in the Wilds.

Sincerely,
Grizzly"

I would like some of that travel information, and the wherewithal to travel. I would certainly take Griz's advice as he has spent many years in exploring the "Wilds" of California and knows his business.

CLASS OF 1899

Arthur W. Klein, Correspondent
43 Wall Street, Bethlehem, Pa.

The following address has just been received from the Alumni Office: Russell Kimball, P. O. Box 1007, Casper, Wyoming.

The Bach Festival has come and gone in a "Blaze of Glory." Many of those who have been attending this event for years think it was the best ever. A special effort was made to make it outstanding in this war year when the handicaps were unusually hard.

This next week I am going to canvass the class for dues (\$3.00 per man).

You have all received by now the communication from Sunny Edwards concerning the election of a class agent for '99. I hope the response by the postal he enclosed will be general and prompt. '99 has not had a class agent since Bill Gummere relinquished the job, shortly after Bob Farnham's death.

There is the usual dirth of news concerning '99, so I will bring this column to a close.

CLASS OF 1901

S. T. Hartleman, Correspondent
110 Wesley Ave., Bethlehem, Pa.

I recently received a letter from Ed Thornton. Ed writes:

Dear Sam:

"Thanks for your letter, and don't start me on my grandchildren as I am an enthusiastic grandfather!"

"Leaving the best until the last, a word about myself. I have followed mining most of my life managing different properties around the country. I have also spent quite a few years in Mexico. For about twelve years before the depression I was vice president and general manager of a large manufacturing company

building mining and oil equipment. We built it up from a rather small concern to a large one. However, we were overextended and were not able to withstand the depression.

"After that I went back to my old trade of mining and was vice president and general manager of a gold property in Colorado for a number of years. I was also president of the Colorado Mining Association, a very active group and the largest mining association in the United States.

"When we couldn't mine any more gold I came out here as vice president and general manager of this property. We are now going into production and plan on mining 3,000 tons of chrome sands daily, turning out 400 tons of chrome concentrates. This brings me up to date, although I might add I have been very fortunate in enjoying excellent health for which I am truly thankful.

"Now to the more important things. We have three children. Our oldest son is Master Mechanic and Mechanical Engineer for the U. S. Gypsum Company at Southard, Oklahoma, where that company has one of its larger plants. He is married and has three children, the eldest a girl 6 years old and our oldest grandchild, a boy 4 and a girl 2. From a strictly grandparent point of view they are quite wonderful children.

"My daughter is married and lives in Salt Lake, where her husband is in the produce business. They have a small boy 3 years old, or I should say, a big boy 3 years old, as he is a lot of man.

"Our youngest son is a graduate petroleum engineer and is in the naval reserve. He is now a lieutenant in the submarine service. That, I might add, is one of the reasons I am mining chrome. Our son-in-law also may be called, so I have felt that I had better help give the boys something to shoot with.

"Kind regards.

Sincerely,

Edward Thornton"

CLASS OF 1903

E. R. Morgan, Correspondent
Lehigh University
Bethlehem, Pa.

I am enclosing a series of letters which may be of some interest to you.

Mr. R. S. Cunningham
309 North New Street
Bethlehem, Pa.

Dear Dick:

"A few weeks ago I received a circular letter

addressed to you by Sunnie Edwards on which you had added the personal note and I appreciated receiving it.

"I am communicating with Bob Taylor,



Edward T. Thornton
"upholding '01's tradition"

Treasurer as requested and I hope that more of our class come up to bat than has been the case in the past.

"In regard to our 40th reunion I have an idea that I believe would help for it is going to be hard enough to get men back this year and, in fact, it always seems to be hard to get our class back and I think the following would help. Have a complete list of the names and addresses of the surviving members of the class mailed to each member with a note asking each one to write any others that he thought he could influence, to be back for our 40th reunion. If the Alumni Office does not want to send this out, which would cost about \$1.00 for postage for I do not believe we have names and addresses for much over 50, I believe Bob Morgan's office could do it and it might be the deciding influence to get a number of men to come back.

"Our 25th reunion in '28, was I believe, the best one we ever had but, of course, those were times when anyone could afford to travel and our 30th reunion in '33 was a very bad time and a lot of our classmates have passed away since then, and it is going to be difficult to get any large percentage back this year due to war and travel conditions. By the time of the next big reunion, our 50th, only a few of us will still be alive but now while the majority who were in college together are still alive, I hope we can get enough back to have one last good time together.

"I am sending a copy of this letter to Bob Morgan and do not wait until you see him but call him up about it and I think I want to write a very large number of my class and many members of the class will do the same and, by this means, I think we will get more back than would otherwise come.

"I certainly count on seeing you Dick and it is always a big pleasure and I hope that some of those that have not been coming in the past will show up this June.

"With very sincere regards and best wishes, I remain

Yours sincerely,
Lon"

(The following was typed on the copy sent to E. R. Morgan:)

Dear Bob:

"Of course what I am thinking of is a mimeographed sheet with the names and addresses and I believe that you have duplicated equipment or can get it from some of the other offices in the building, and one of your young ladies could type the list in an hour and address the envelopes I believe it will do some good.

Our government desires 100 million tons of coal in storage by Oct. 1... About three times normal amount

INDICATORS



HOT SPOT QUENCHERS

The only special equipment ever commercially developed for detecting and overcoming spontaneous combustion in bituminous coal storage.

Manufactured and Sold Only by

COAL SPECIALTIES COMPANY — ARTHUR T. WARD, '13

50 Church Street, New York City

CABLE ADDRESS—"EQUIPPER NEW YORK"

for VICTORY



THE JEEP originated by Minneapolis-Moline in 1938 ... so named by army men in 1940.

MINNEAPOLIS-MOLINE

TRACTORS & FARM MACHINERY

MINNEAPOLIS - MOLINE

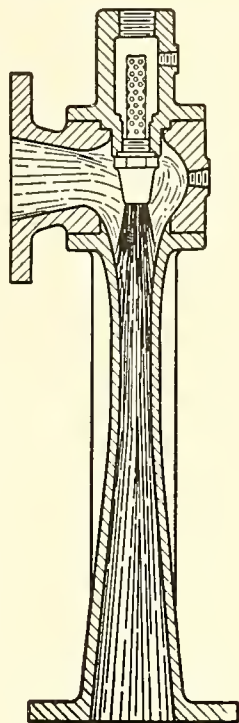
POWER IMPLEMENT COMPANY MINNEAPOLIS MINNESOTA, U.S.A.

FARMING *is* ARMING FOREVER

When a farmer plants seeds, he is dealing with the eternal forces that made all civilization possible. Without food, man and civilization would pass away. Truly history reveals that only when ample supplies of food are available for a country and its people has real lasting progress been made. Because our country is a great agricultural nation and our farmers early in history learned to accept the most modern methods and machines, it has also become a great industrial nation. Somewhat over a hundred years ago it still took almost 80% of the people on farms to produce the food, clothing and shelter for all of us. Progress in methods and farm machines has made it possible for less than 20% of all Americans to give all of us the highest standard of living than anyone in all history. Because of this, 80% of our people have been allowed to go into industry and other essential jobs. Through sales and advertising efforts mass production has been achieved, and largely because of the mass production facilities was America able to convert quickly from peace time production to the production of war materials on a scope never before known; but, as always, ample FOOD, CLOTHING AND SHELTER ARE NECESSARY FOR FREEDOM AND OUR WAY OF LIFE. These are products of the soil and nature, but the way they are tended here in America makes all the difference in the world.

MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY, MINNEAPOLIS, MINN., U. S. A.

STEAM JET EVACTORS



AIDING NATIONAL DEFENSE

Numerous Croll-Reynolds Evactors are working overtime maintaining high vacuum in plants making explosives, synthetic rubber, airplane lubricants and a long list of other ordnance materials. They are maintaining high vacuum on engines and turbines of dozens of American ships sailing the seven seas.

While the large and special units require up to three months or more for fabrication the smaller ones are sometimes made in two weeks, or less, when the demand is urgent. These include single and multi-stage units for vacuum up to a small fraction of 1 mm. absolute, also small condensers and vacuum chilling equipment.

A recent development is a vacuum-cooled condenser for maintaining condensing temperatures down to 34° F. Inquiries will be handled as promptly as possible under the circumstances.

CROLL-REYNOLDS COMPANY

17 John St. 20 N. Wacker Drive
New York Chicago

S. W. CROLL, '10

"I usually write to Paul Degener and John Hertzler, both of whom are almost within walking distance and who have not been back for a generation or so. If enough would write to them I believe that they would come but unless we make an extraordinary effort we are going to have a mighty small bunch there as of course conditions this year are very much against it. Talk to Dick over the telephone and if you two think this scheme is good get Art in on it and any others and shoot her out as soon as possible.

"Few of us will be left 10 years from now and I would like to see a lot of the old crowd once more.

Very sincerely,

Lou"

Mr. E. R. Morgan
Lehigh University
My dear Robbins:

"Have been made Plant Manager for the Glens Falls Portland Cement Co., Glens Falls, New York, and start in April 15. Will try to get back for 1903 Fortieth Reunion even though I am only 50% 1903 in point of years with that class.

Sincerely,

Herbert H. Lauer"

Mr. Arthur Frick
Allentown, Penna.

Dear Art:

"A letter came through from Dick Cunningham about some money for Lehigh class agents. Whether that means that all or part of this goes for class reunions I do not know. Anyway, the attached letter will show you what I have done.

"Since I now have on a soldier's uniform I certainly am coming back in June to give the boys and girls a real good look. I will be glad to assist you in any way with plans you may have concerning the fortieth reunion.

Very truly yours,

A. R. Glancy"
Brig. General, U. S. Army
Deputy Chief of Ordnance

Dear Al:

"I have delayed answering your letter until I had something definite to write about. Heretofore, I have sent out innumerable letters begging the class to come on for the reunion and believe me it developed into quite a job. Why it is necessary I don't exactly know, because a person either does or does not want to come back for a reunion. I was sounding out a few as to the situation when the whole thing was settled for us. I suppose you have seen in the BULLETIN that all class reunions are off for the duration. So that is that. Too bad it had to hit our fortieth but such is the case. We will probably all be in wheel chairs for the 45th.

"I, for one, never felt better in my life, after a rather serious time several years ago, and am going strong. Four times grandfather and three boys in the services.

"I think we will have to try to revive the 1903 news in the BULLETIN and see what can be done.

Yours,

John A. Frick"

CLASS OF 1904

J. L. Beaver, Correspondent
402 High St., Bethlehem, Pa.

S. S. Shive came across with the following very interesting letter:

"Just received yours of the 19th and I am answering it from Duluth, Minnesota where I am located for a short assignment. Nix on the picture for every plant I get into they take your picture for identification purposes and every one I have taken seems to be worse and worse so I never look in the mirror any more for fear I really do look like that—and the pictures they take are not fit for publication. I carry mine in my hip pocket.

"You ask what I'm doing to help win the war. Well I'm an engineer in the Army Signal Corps and my—our—job is to see that the boys over there get what they require as soon as they require it. We expedite, inspect, design, anything that will help production of any and everything the Army Signal Corps needs to prosecute the war. And you may say this for me in case this information gets any circulation

—there is great need for men who have had experience along the lines of production, men who are careful to see that the proper product is sent on its way to the front. Men of this caliber are getting scarce and it is only the old duffers like you and me that can't get into the fighting forces that they can depend upon. If there are any of the old timers who wish to help along this line tell them to drop me a line and I'll be glad to tell them where they can get in touch with the proper authorities. No, the government doesn't pay as much as can be made in private business but what they do pay is fair and there is a lot of satisfaction in knowing that one is helping very much in the war effort.

"SSS Jr. is in the Army Air Force and has been down under in Australia and New Guinea for the last fourteen months and so far we have heard from him fairly regularly. Says he is having great times and lots of fun and says his squadron is still at the top of the list. No details—none allowed. He is saving all those until he gets back home but he always insists he is enjoying life down there but when this is over he'll take his back in the old USA.

"Up here I am about a thousand miles from home but my next assignment might be nearer there so if you want to address me use the old home address and your letter will be forwarded.

Sincerely,

S. S. Shive"

The following is a quotation from a letter I received from Frank Sinn, 129 Orange Road, Montclair, New Jersey, under date of April 1.

"As to my own part in what the country is attempting, all I can say is that I am actively engaged in the smelting end of the zinc industry and that zinc is one of the strategic metals necessary for the successful prosecution of the war. More than a year ago one of the country's large non-ferrous metal companies, for whom in the past I have done some consulting work both here and in Europe, asked for my full time services for a year more or less, and a sort of lend lease arrangement was made by the company I have worked for more than 36 years. After spending 10 months in Oklahoma with only 2 or 3 short visits home, I am now living at home again and commuting to New York for business when there. However I am still on lend lease and am away about one half of my time. So far this year I have travelled to Pittsburgh and to Oklahoma by plane and by train more than 16,000 miles.

"Travelling long distances these days is uncertain to say the least, and in many cases is decidedly unpleasant. However, it gives me a certain feeling of satisfaction, especially after passing the age of 60 to know that the fundamental training Lehigh gave us forty years and more ago permits us to carry on, especially in strenuous times like these. Perhaps it is due to the beer so many of us drank in those days, but I know you would not understand about that, or even remember it if you did.

"Andrew Mack tells me Lou Farabaugh is our new Class Agent for this year. I take this opportunity to ask the Class to give him the same loyal support and assistance it gave me in this work for so many years. Lehigh needs the money now more than ever and if we as her alumni do not give her the best we can now in the way of financial assistance we may end up the war as a group of alumni without an Alma Mater.

"Good luck to you, Lou, in the job you are doing and good luck to you too, Doc, in attempting to get letters and news out of a bunch of engineers who have little to say of themselves and less to write.

As ever,

Frank Sinn"

CLASS OF 1905

W. H. Lesser, Correspondent
1322 Myrtle St., Scranton, Pa.

G. A. Sisson writes a very interesting letter from Honolulu where he is working with the United States Engineers. He plans to be with us for the next reunion in 1945. Two of his boys are in the Army.

I saw Henry Clay last week and he is doing well.

On March 3, the Bethlehem Office was advised that A. F. Murray is Works Manager of the Electroflux Corporation, Old Greenwich, Connecticut. Good work, Arthur.

Our records show Norm Merriman's business address to be 220 West 42nd St., New York City.

G. S. Mervine now lives in East Orange, N. J., 94 South Harrison Street.

CLASS OF 1906

*E. T. Gott, Guest Correspondent
Dravo Corporation, Pittsburgh, Pa.*

At the Pittsburgh-Lehigh Club Dinner on Friday evening, April 16th, (notice of which appeared in the Alumni Club notes in the May issue) I ran into N. G. Smith, who mentioned that because of rush work "Mandy" Lee had wired—at Copy Dead Line Date—his cancellation of "Guest Correspondent" for the May issue, thus explaining the blank space for '06 in May L. U. BULLETIN. N. G. asked me to take over for June issue, which request was reluctantly accepted, knowing what a grand job "N.G." has made of it for to these many years.

The Lehigh BULLETIN for May recorded the death (on March 20th at his home in Germantown, Philadelphia, Pa.) of a very prominent '06 man—Ellwood M. Taussig—notice appearing in the Philadelphia papers on March 21st. With his passing Lehigh has lost a staunch supporter and our class one of its most loyal members. Ellwood, as all '06 men will remember, was President of the class in his sophomore year and was very active in class affairs during all four of his undergraduate years. Since then, and up to the time of his death, he had been associated with Battles & Company in the bonding business in Philadelphia. His son, E. M. Taussig, Jr., was in the Class of '36 at Lehigh.

Tommy Lueders, harking back to last Fall's football season, tells of having run into Ben Root and Billy Stair at the Army-Penn game. Also of Dave Brillhart's having been made a Trustee of Moravian Seminary—"Fem Sem" to us) and that their Board lost no time in making him Chairman of the Finance Committee. This may be just another job for Dave but in these strenuous days we would look upon it as a rather tough assignment.

While we are on this subject of "Finances," we hope you have read (and responded to) Dave's strong appeal as our Class Agent in the March BULLETIN for contributions to the Alumni Fund this year and reminding us that if '06 is to stay in the charmed circle she has always enjoyed—and incidentally where she belongs—we will have to nearly double our last year's contribution to this most worthy fund. Let's come clean—all of us—and at least make it possible for '06 to hold our present very enviable position at Lehigh or better still, and as Dave very aptly suggests, let's shove her up another notch. It can be done if we all kick in.

CLASS OF 1910

*M. L. Jacobs, Correspondent
837 Tioga Ave., Bethlehem, Pa.*

Bill Niesen is now living at 354 Susquehanna Street, Brighton, New York; J. F. McClain can be reached at Harrison Glass Works of General Electric Company, Harrison, New Jersey; N. L. Lichtenwalner is now living at Cambridge, Alden Park Manor, Philadelphia, Pa.; Bill Donkel is at 2025 Mt. Vernon Blvd., Toledo, Ohio; Herbert Kynor is General Manager of the East Bear Ridge Colliery Company, Scranton Electric Bldg., Scranton, Pa., and his residence is at 560 North Laurel Street, Hazleton, Pa.; F. W. Jacoby is living at Weirsdale, Florida.

I have a letter from VanBlarcom, and he advises me that his son, Warren, Class '41, is in the mechanized cavalry at Camp Hood, Texas. His son, John, Class '42, received his commission in Ordnance last May, and is a Lt. at Fort Benning, Georgia, where are also the sons of Jake Bright and Al Zane. He also advises me that his daughter is attending Westtown School near Philadelphia, so that he and Mrs. Van are finding themselves pretty much alone.

Van gives me some news about Billy Roberts, who was Y.M.C.A. secretary in our senior year. Seems that Roberts is now Bishop of the Diocese of Shanghai, and is still there; must have been the 1910 influence.

I note that only 31 members have contributed to the Lehigh Fund this year. Time is growing short, as the books close about the first of



BETHLEHEM

"WEDGE" ROASTERS

—have found a highly useful place in many process pictures, turning hitherto worthless residues into profitable by-products.

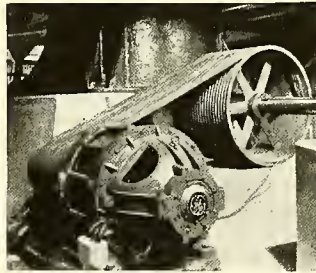
For instance, the Bethlehem Roaster shown at the left (photographed during erection) amortized itself in ten months on the job.

Whatever your manufacturing process and waste problem—benefit from the specialized engineering skill that Bethlehem offers.

BETHLEHEM FOUNDRY & MACHINE CO.

BETHLEHEM, PA.

T. B. WOOD'S SONS CO. Chambersburg, Pa.



V-Belt Drives Flat Belt Drives
Flexible Couplings Clutches
Pulleys . . . Rigid Couplings . . . Bearings

CHAS. O. WOOD, '92

G. H. WOOD, '99



STRUCTURAL STEEL

FOR

BRIDGES, BUILDINGS, ETC.

ENGINEERS AND
MANUFACTURERS

CHARLES McGONIGLE, '01 - OTHO POOLE

POOLE & McGONIGLE

PORTLAND, OREGON

BRIDGE and BUILDING ERECTION

STEEL CONTRACTORS

Incorporated 1911

OTHO POOLE

CHARLES McGONIGLE, '01

POOLE-DEAN COMPANY

PORTLAND, OREGON

July, and I sincerely hope that a larger percentage of our members will come across before the season closes.

CLASS OF 1913

E. F. Weaver, Correspondent
c/o P. P. & L. Co.

Cedar and Buttonwood Sts., Hazleton, Pa.

While in Allentown recently, I happened to bump into our good friend "Earnie" Finn, who is still engaged in boosting Anthracite for Anthracite Industries, Inc. During our little sidewalk confab, "Earnie" advised quite confidentially, or should I say timidly, that he was about to start delivering a series of six lectures at Lafayette College on Combustion Engineering. This just goes to show that "Thirteeners" get around, even among our football rivals down the river.

Incidentally, we have a new business address for Finn, namely, Anthracite Industries, Inc., 2204 Walnut Street, Philadelphia, Pa.

Charlie Pellencer dropped in at the Alumni Office recently and turned in a new Allentown residence address at 109 North 13th Street. Charlie is connected with Ventures Limited at 25 King Street West, Toronto, Canada.

A new street address has been turned in for J. L. Montgomery, namely 1953 Eaton Avenue. Jack still lives in Bethlehem, Pa.

R. F. Clewell, previously reported among the missing, has been located at 125 Oakgrove Drive, Kenmore, New York and is back on the active list.

B. E. Quirk, previously at 67 Wall Street, New York City, is now among the "no address" list. Who knows where to find him?

C. P. Thweat is now with Hygrade Sylvania Corporation at San Francisco, California.

C. H. Maguire is now Research Chemist with the Niacet Chemical Corporation, at Niagara Falls, N. Y.

LeRoy J. Sindell is now with the U. S. Navy, South Base, Norman, Oklahoma. His mailing address is 743 Asp Street, P. O. Box 2022, Norman, Oklahoma.

CLASS OF 1914

J. O. Liebig, Correspondent
41 N. 5th St., Allentown, Pa.

In case this is read in time for the annual get-together in June, we extend to each and every one a visit to your good old Lehigh. How about looking the place over for a change? We are sure we can cook up some "beef sessions" and you don't need your ration books.

Some addresses have been confirmed by Uncle Sam and should you want to find these men write to the following—Leroy S. Green, 507 Marguerita, Santa Monica, Calif.; W. C. Brooke, 120 Highland Ave., Ridgewood, N. J.; W. E. Lewis, 526 W. Broad St., Bethlehem, Pa.; lost in the shuffle is W. J. Orr, no address.

Thanks Charlie Lawall for your letter. Its fine to know that some of our men think of dropping a line once in awhile. (Charlie sends us a magazine clipping of our good classmate Tony Bianco launching a ship for the U. S.)

A couple letters from out there would make this job better to all concerned, if you get what we mean.

It is not good dope for the correspondent to talk about himself, but here goes. We had the pleasure of taking part in "Arsenic and Old Lace" put on at the "Little Civic Theatre" in Allentown in April. Show ran for week and a half. Longest run since the theatre has been in existence. Nice to be able to keep the love of the theatre burning within, started in the good old Mustard and Cheese days of 1910-1914. So long.

CLASS OF 1915

L. H. Geyer, Correspondent
Room 1265, 11 Broadway, New York

Here are a few more up-to-date addresses, so put them down in your little black book so that you can get in touch with any of these fellows when you are in their vicinity: Colonel H. L. Vitzthum, U. S. Signal Corps, Army Communications Board, War Dept., General Staff, 4C270 Pentagon Building, Washington, D. C. Residence: Hopkins Apartments, St.

Paul and 31st Streets, Baltimore, Maryland; Colonel W. G. Ingram, Coast Artillery, Fort Hancock, New Jersey. Residence: Mayfair House, Germantown, Philadelphia, Pa.; A. H. Schuyler, 4245 Los Cruces Drive, Sherman Oaks, California.

And, finally, someone has taken enough time off to drop me a little news. So I'll pass it along to you. This comes from Phil DeHuff, who holds forth at 139 South 9th Street, Lebanon, Pennsylvania. Phil says:

"Since I saw you in Bethlehem, I have been made a Graudad. I meant this to be news, but my 'kid' brother, Henry DeHuff, of '95 beat me to it and broadcast it to Okie in the '95 personal column of March 1943 issue. We hope this baby boy will be the eighth DeHuff at Lehigh.

"Sorry to hear of George Hoban's death. This is a distinct loss to the University for I believe George would have carried us to many victories over our old rivals.

"Am General agent for the American Casualty Company with offices in Lebanon, Pa.—the old bologna and pretzel town."

Thanks, Phil, and repeat any time you get an opportunity.

CLASS OF 1916

F. L. Horine, Correspondent
149 East 6th Ave., Roselle, N. J.

L. U. Lancaster now lives on Emerson Road, Longmeadow, Massachusetts. Maybe you read the editorial mention he received in the April issue of the ALUMNI BULLETIN. If you did not, you will be interested to know that he is general superintendent of Pratt & Whitney's Plant "M."

A new address for L. Mardaga has been sent me. He is now residing at 8001 Susquehanna Street, Wilkinsburg Branch, Pittsburgh, Pa. Well, he didn't move far.

Distances are greater in California. C. T. Murphy has moved from San Marino to 1435 Bellwood, Pasadena, California.

We are glad that the last ALUMNI BULLETIN qualified their Roll of Honor as a "partial



Class of '11 and brewery in 1909

Left to right, front row: Arthur Frey, Bees Kempsmith, Don Gibson, Henry Fitbrian, Fred Gaibraith, Sam Gladding, Dan Keefe, John Kiesel. Maurice Good is between and slightly behind Gibson and Fitbrian. Second row: Fred Ferber (deceased), Phil Ginder, Ray Keiser, Dave Hunter (Instructor, who bailed from Pratt Institute, I think), George Goeppert. Third row: Dave Flick, Jerry Fisher (unknown to me), Rau Faust (deceased). Standing: Charlie Hendricks, Harry Haas (deceased).

list." Commander Eberhard was omitted. Possibly there were others. Let me hear of you—or of them.

CLASS OF 1917

W. H. Carter, Correspondent
735 Huntington Ave., Plainfield, N. J.

Well, I finally learned something about the whereabouts of Jack Ayrault reported in the April ALUMNI BULLETIN as having changed his address. But before I tell you about Jack I must hasten to say that he didn't let me know. I wouldn't want any of you cramped arm birds to get the idea that Jack had established a precedent. I learned about it in Oil, Paint and Drug Reporter which said, "Jack Ayrault, Jr., formerly production manager for Federal Varnish Co. of Chicago, has been promoted to a Major in the U. S. Marine Corps and is now stationed at Quantico, Va., as chief of the experimental section of the Marine Corps Equipment Board. Jack rejoined the Marines with his World War I rank as Captain.

Ayrault joins the ranks of Art Carlson, Babe Dawson, Harry Dayton, L. F. Hagglund and Zibby Merwarth as other members of this club seeing duty again.

How many more are there, I wonder?

The following changes of address were obtained from the Alumni Office:

H. R. Boston, 545 Western Ave., Albany, New York; L. E. Grumbach, 84 Garden St., Hartford, Connecticut; A. C. Hoover, 2573 N. Clark Ave., Chicago, Illinois; W. B. Loucks, 135 W. Springettsbury Ave., York, Pa.; H. J. Sloman, Box 236, Frostburg, Md.

By the time this BULLETIN gets in your hands, my son will be finished at Lehigh (I hope) and will be in the Army (I know).

I am rather sorry, in a way, to see him finish for his four years there have brought me into closer touch with Lehigh again.

It's a great place. It hasn't slipped one bit in any respect and is, in my opinion, doing a swell job. One thing more I might add, is that the Faculty is just as tough as it was in our day. The same job is being done only it is being done by different people.

I am writing this personal item only because I want to appeal to each and every one of you to contribute to Lehigh whatever you can.

She needs your help and mine in order to continue through this trying period in the lives of all colleges—as well as people.

CLASS OF 1919

T. Z. Zeller, Guest Correspondent
605 Locust St., McKeesport, Pa.

Haven't been anywhere, haven't seen anything, nobody tells me anything; how can I write a class letter? Well, there are two exceptions—I was down to the last meeting of the Pittsburgh Lehigh Club and the Alumni Office has a few new addresses to help fill up the column. The aforesaid meeting was fairly well attended and among those present who at one time or another owed allegiance or dues to the Class of '19 were Mickey Kirk, Bill Shirk, Ed Stotz and Bill Whigham. Mickey came down from New Castle for the meeting and missed his train back because of a bridge game. Ed Whitney was to have been there but was suddenly set upon by some pollen to which he is sensitive and didn't want to show up with his "hay fever." I called him later for any news but he had none except that "Skippy" Whitney is suffering from an ulcer of one eye and has cataracts in both eyes.*

From the Alumni Office we learn that C. T. (Mike) Hunt is now in Lancaster, Pa.—address 222 E. Orange Street; R. W. Murphy is now living at 10 Park Ave., Apt. 19D, New York City; Paul Smith at 159 E. Spruyettsby Ave., York, Pa.; and that Bill Winterhalter has re-

turned to the fold and is sunning himself at 1595 North Lake Ave., Pasadena, California. (I thought that the ball players all had to train in the East this year). The office adds that the BULLETIN will be glad to publish pictures of individual class members so if any of you are proud of how you have stood up under the strain of the past twenty years and more, send in the proof. I was looking through the Epitome for some inspiration the other night and ran across the compilation of "Class Statistics." I wonder how we would compare with those statistics now. Personally I have gained half an inch in height and eighteen pounds in weight.

*"Skippy" is the Whitney pooch—the most hyper-domesticated canine that ever spurned a horseburger.

CLASS OF 1920

N. A. Newell, Correspondent
240 Glen Avenue, Millburn, N. J.

When Ray Allgaier graduated from Lehigh, he started with the Aluminum Company of America at New Kensington, Pa. Subsequently, he left; but recently accepted a position as Mechanical Engineer at the Massena, New York plant of the Aluminum Company as of March 1. He has two daughters, one is at Iowa State studying Home Economics and the other is in junior high school.

CLASS OF 1921

LeRoy F. Christman, Correspondent
101 Endlich Ave., Mt. Penn, Reading, Pa.

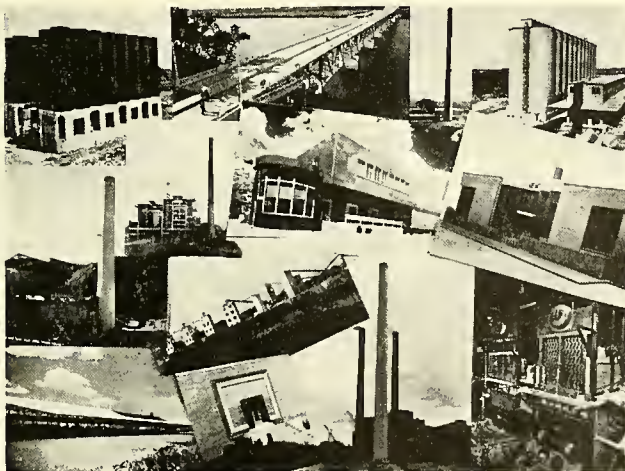
Captain Peter F. Weiss is now located in Tennessee on maneuvers but can be reached at the 45th Evacuation Hospital, Camp Gordon, Augusta, Georgia. He received his most recent diploma on April 8th when he was graduated from a six weeks course in the U.S.A. Medical Corps, Carlisle Barracks, Carlisle, Pa. after entering the Army on February 26, 1943.



RUST



for *Excellence in* WARTIME ENGINEERING
with DESIGN and
CONSTRUCTION of



- COMPLETE INDUSTRIAL PLANTS
- CONCRETE BINS AND SILOS
- BRICK AND CONCRETE CHIMNEYS
- INDUSTRIAL FURNACES
- MATERIAL HANDLING SYSTEMS

THE RUST ENGINEERING CO. PITTSBURGH

NEW YORK

WASHINGTON

BIRMINGHAM

CHICAGO

C. G. Thornburgh, '09

P. F. Campbell, '24

G. M. Rust, '31

A. G. Rohrs, '32

S. M. Rust, Jr., '34

W. F. Rust, Jr., '36

R. H. Wagoner, '36



Captain Peter F. Weiss

"practices what he preaches"

After leaving Lehigh, Pete went to Harvard Medical School—M.D. 1925. Spent three years intern in the Boston Hospital. Since then had been connected with the Boston City Hospital as Junior Visiting Surgeon for Gynecology and obstetrics. This is his specialty. In 1935 he was admitted to the American College of Sur-

geons (which gives him an F.A.C.S.). In 1941 he passed exams for the American Board of Obstetrics and Gynecology which certifies him as a specialist.

He also taught obstetrics at Harvard and Tufts Medical Schools and now I suppose will teach Hitler how Europe can be delivered from the clutches of the Nazis.

Mrs. Weiss who has attended several Lehigh reunions is in Boston with 2 sons and 2 daughters ranging from 16 to 3 years of age. (I see you practice what you preach, Pete).

Harold C. Rockett is a Lieutenant in the U. S. Naval Reserve Bureau of Ordnance and still receiving mail at his old address, 5 Pine Lane, Rye, New York.

J. H. Goodwin appears to be a Private at the Orlando Air Base, Orlando, Florida, but maintaining his old mailing address at 739 St. Marks Ave., Westfield, N. J. Looks like a neighbor to Warren Bowden.

I have incomplete information about probably the highest military rank attained by a 1921 class member which is that of General Joseph H. Pelot (U. S. Military Academy 1906) who apparently took a course at Lehigh rating him as 1921 class. He had been Asst. to Gen. Mgr. Compton & Knowles Loom Works, 93 Grand St., Worcester, Massachusetts with residence at 51 Beechmont St. He had apparently retired with the rank of Colonel. Any more information will be appreciated.

I see in the April issue of the BULLETIN that 1921 is credited with four commissioned officers in the service as our total contribution to the armed forces. These are Capt. J. C. Fretz, Fort Knox, Ky.; Lt. Comdr. S. R. Kaufman, U.S.-N.R.; Lt. Comdr. D. G. Maraspin, U.S.-N.R.; Lt. Colonel A. T. Wilson, U.S.A. (foreign duty) actually missing in action.

In addition to these four and the four listed above them in this article I have record of

Colonel P. A. Feringa, U.S.A., District Engineer, Savannah, Georgia, which gives us a total of nine. Please tell me what names have I missed?

CLASS OF 1922

G. F. A. Stutz, Correspondent
422 Edgemont Ave., Palmerton, Pa.

Ed Cahn reports he is now flying courier duty for the 331st Sub Depot at Bradley Field, Conn. He is also communications officer of Squadron 153-1 Civil Air Patrol.

I've lost J. S. ("Shrimp") Hocker—formerly of Locomotive Finished Mat. Co., Atchinson, Kansas. If any one locates him, will you please let me know.

A suggestion: Buy Bonds and then contribute some more to the Alumni Fund: additional \$200 needed to meet 1922's quota.

A. R. (Mike) Wingate is a Lt. Commander stationed at the Philadelphia Navy Yard.

L. G. Barthold is now with the Purchasing Department, Bethlehem-Hingham Shipyard Inc., Hingham, Mass.

G. N. Wescoat is Lt. Commander stationed at the U. S. Naval Hospital, Norfolk, Va.

H. W. (Platty) Platt is now with Hercules Powder at Chattanooga, Tenn.

H. J. (Herb) Kleine reports latest address is 118 W. Hutchinson Ave., Pittsburgh, Pa. Will Heinie Carroll please note this change.

Ralph Potts has promised to give us a report next month on the situation in Chicago. This will be the first of a series of reports by guest correspondents.

CLASS OF 1928

J. W. Helmstaedter, Correspondent
283 So. Center St., Orange, N. J.

From what I've heard from fellows who read the papers, Homer Heller has been mentioned

NATIONAL ROLLS

CAST IRON CHILL and ALLOY TYPES
for all Ferrous and Non-Ferrous Purposes

Heavy Iron Castings

CAPACITY AVAILABLE

(Air Furnace or Cupola Iron)
(Up to 70,000 Pounds)

- We have capacity for heavy iron castings and can make good delivery.

*Machining capacity on 8 ft. by 36 ft.
and 7 ft. by 22 ft. planers*

We invite your inquiries, which will receive our immediate attention.

THE NATIONAL ROLL & FOUNDRY CO.

MANUFACTURERS OF
ROLLING MILL EQUIPMENT
RAILROAD COILED STANDINGS AND PIPE HEAVY IRON AND STEEL CASTINGS
CHILLED AND SAND ROLLS SPECIAL IRON ALLOY ROLLS

AVONMORE, PA.

**Diesels,
Air Conditioning,
Steam Power Plants,
Petroleum Refineries.**

wherever water is used for cooling or condensing,

MARLEY Cooling Towers

are saving owners important money—and they
can prove savings over all other types of
equipment for the same purpose.



LARGE or Small, Types for outdoor
or indoors service
if you use water for any
cooling purpose, Marley can
save YOU money, too.

L. T. MART, '13; Pres.



The MARLEY Company
Fairfax and Marley Roads, Kansas City, Kansas
Sales Offices or Agents in all Principal Cities

in dispatches from North Africa. It seems that Major Heller and a war correspondent went on a junket, using a Jeep for transportation, and had more than their share of interesting experiences. Well, it's a far cry from the day when Homer and I thumbed our way from Bethlehem to Blairstown, N. J. and return.

Dick Stauffer, whose engagement was reported in an earlier issue, is happily married. I believe the knot was tied one fine day in April. Congratulations and good luck, Dick.

I would like to give you a few addresses of classmates now in the Service. However, censorship regulations do not permit the publication of unit identifications and what good the address is without this item is more than I know. Nevertheless, I can tell you that Tom Burke has put aside his law books to perform the duties of a Lieutenant at Fort Eustis, Virginia. Lt. G. J. "Dutch" Speicher's latest address is APO 528, c/o Postmaster, New York City. Herb Hobbs is in the Navy doing his stuff as a Lieutenant and his mail reaches him through the Fleet Post Office at San Francisco. One thing is sure, the Navy won't have to teach Herb how to take care of himself in the water.

The Alumni Office has notified me of the following addresses of fellows who presumably are still engaged in civilian pursuits—George Fearnside, 347 Bank St., Sewickley, Pa.; Chet Martz, 319 Emerald St., Harrisburg, Pa.; Shorty Johnson, 1211 No. Misa St., El Paso, Texas; John Frey, 11 Dominick St., New York, N. Y.; Frank Clayton, 2085 Kearney St., Denver, Colorado; Dr. H. P. Parker, 4919 Palisade Lane, N. W., Washington, D. C.; Jack Kelley, 2939 N. 6th, Harrisburg, Pa.; Professor Warren Wilson, Ridgeview Hotel, Evanston, Ill.

It is truly unfortunate that our class could not have its fifteenth reunion this June. But

just wait, my good lads—when this war is over, we shall have one of the rip-snortiest reunions ever held. Till then, keep pitchin'!

My old roommate, Tim Converse, has taken a little time off from his investment securities business in Allentown to give me a blast about kicking in a little dough (one buck or more) to Lehigh. One of the tastier hits in his third or "blackmailing" letter is a threat to expose the alleged fact that I slept through classes in Business Law, read his notes and got a "B"—while he flunked. That's pure bunk—he must be thinking of Ed Winters or Harry Lenna. However, Tim is sincere about Lehigh's need. In fact, he has gone so far as to use some of his own money to stimulate interest in this need. You and I should cooperate. I'm sending my couple of bucks right now—the rest of you buzzards better do the same and, I hope, without delay.

CLASS OF 1929

John M. Blackmar, Correspondent
P. O. Box 308, Summit, N. J.

On Lehigh's Roll of Honor printed in last month's BULLETIN 22 of the 1199 men were our classmates. With so many entering the service so fast it must be a difficult and almost impossible task for the Alumni Office to keep a perfect score, so it is with no idea of criticism that I submit my own unofficial tally. As a matter of record, in this column I have published news about 32 fellows who are in service and our total at this writing to the best of my knowledge is 39 from '29!

Moreover let's acknowledge the BULLETIN listed two men I had not mentioned because I had not heard they were in uniform. One is that former freshman guard, HARRY KILPATRICK, PSI U, and until recently assistant vice president of the Manufacturers Trust Co.

of New York City. He is now CAPT. H. C. KILPATRICK, U. S. Army.

The other is EDDIE LYONS, the Phi Gam who has spent most of his years since graduation residing in Sweden and Finland where he represented the Moore & McCormick Steamship Co. Lt. J. I. KIRKPATRICK, USNR, told me his colleague, who wears two wide stripes, has been handling transportation problems for about a year and a half and is right in the Navy Building on the Mall in Washington, D. C.

Kirk also informed me that he has learned from a fellow officer who knows BRUCE MORRISON that "Skipper" now holds a Navy Commission too. I am not surprised because Bruce long has been an enthusiastic yachtsman and member of the Stamford Y. C.

Yet another '29-er, Lt. (jg) Bob Ellis is assigned to the Navy Building. Jack has seen him and reports that Ellis had his indoctrination course at Harvard in February and now is serving in Naval Communications.

We have just returned from the Capital whence we went for a short vacation. Besides seeing much of the Kirk's and my brother, Lt. W. E. Blackmar, '30, deputy liaison officer, we spent an enjoyable night and day in Baltimore as guests of ADDIE and RED CREWE and saw ART and KATE ROBERTS.

We had a chance meeting in a Raleigh Hotel elevator with LT. and MRS. HARRY B. SAMES. I had not heard that Harry was in khaki; he said that like most of the fellows he had let his reserve officer's commission lapse. However, he volunteered in August 1942 and went through O. C. S. at Fort Benning, Ga. to brush up and get in shape. Really Sames looks just as fit as when he captained the cross country and track teams 14 years ago. Now he is at Fort Belvoir, Va. training with the Air Borne Infantry and my guess from his serious tone is that Harry will be over there in the

AISI **HY-TEN** SAE
NE

ALLOY STEELS FOR OFFENSE

Scientifically selected to conserve critical alloys and meet the requirements of the AIRCRAFT, ORDNANCE, and MACHINE TOOL industries.

Complete "EARMARKED" stocks of Aircraft alloy steels at Buffalo and Detroit.

WHELOCK, LOVEJOY & CO., INC.

138 Sidney Street
CAMBRIDGE, MASS.

Cleveland, Chicago, Newark, Detroit, Buffalo,
Cincinnati

THE BODINE CORPORATION



Factory and office: 3 Mountain Grove St., Bridgeport, Conn.

MANUFACTURERS OF
DIAL FEED AUTOMATIC DRILLING, TAPPING,
SCREW INSERTING AND SPECIAL MACHINERY

"Let BODINE Help You"

A. V. BODINE, '15
Pres. and Treas.

A. V. BODINE, JR., '40
Asst. Sec.

very near future leading our boys over hill and dale when the invasion of the Continent is undertaken. We all wish him all the success and good fortune in the world and can feel confident that with "naturals" like Harry Sames in there displaying the old Lehigh fight we can expect to give Herr Hitler one helluva beating.

Soon after the outbreak of war almost all our men were in the Army, but in recent months the Navy has been getting most of the newcomers. Our score stands: Army—30, Navy—9.

The latest naval recruit is DEWEY TRAN-TUM. It is somewhat of a coincidence that the U. S. Navy revived the rank of commodore in April just as our own Dewey volunteered! Notwithstanding this O. D. K. man is known officially now as Lt. (jg) L. D. Trantum. His first assignment was at the Babson Institute Wellesley Hills, Mass., where he was sent to take the 30-day training course for supply officers. Where he will be shipped next I know not, but by the first issue next fall I shall have many new addresses in our file.

Incidentally, I shall be glad to send the addresses of any of our men to any of you who may wish to correspond or who may desire to look up someone in the locality where you happen to be stationed temporarily. Four of our fellows are overseas. John Todd Neath, now a Major, has been in the jungles of the South Pacific over a year and can be reached through APO 709, c/o Postmaster, San Francisco, Calif. The three others' addresses: Lt. John C. Schell, CEC, USNR, c/o Fleet Post Office, San Francisco, Calif.; Lt. George S. Prokop, O-25S-35S, APO 957, c/o Postmaster, San Francisco, Calif.; Cpl. Washington Carl Shanafelt, 353817-071, APO 520, c/o Postmaster, New York, N. Y.

Let us close our column by announcing the birth of yet another BRENNAN baby. On May 8th DEBORAH PEARSON BRENNAN, the Cedar Crest '34 girl from Newtown, Pa., begot

another daughter. She weighed 8 & 10 and was born at the South Nassan Community Hospital, Oceanside, L. I., five hours after her father, travelling Tom, arrived home from a business trip to Washington. After much deliberation Debbie and Tom named their third SANDRA MAY.

CLASS OF 1929 HONOR ROLL

Achilles, A. B., Pvt.; Ahlberg, J. K., 2nd Lt., (two children); Baker, E. F., Major; Bauer, C. H.,* Lt. (j.g.); Bender, L. H., Capt.; Benton, F. T., Jr., Capt.; Coates, S. P.,* Capt.; Dorsey, W. H., Capt.; Ellis, R. J.,* Lt. (j.g.); Evans, J. P., Sgt.; Hayward, H. G. A., War Dept.; Hellman, W. P., Major; Hottinger, E. J., Capt.; Kilpatrick, H. C., Capt.; Kirkpatrick, J. I.,* Lt. (j.g.); Lyons, E., Jr., Lt., USNR; McLachlan, J., Jr., Capt.; McNickle, A. J.,* Lt., USA; Martindale, W.,* Major; Morrison, Bruce, USNR.

Neath, J. T.,* Major; Pollitt, W. J., Lt., USA; Prokop, G. S., Lt.; Quinlan, E. C.,* Lt., USA; Sames, H. B.,* 2nd Lt.; Scandale, J. S., Lt. (j.g.); Schaefer, J. E., Pvt.; Schell, J. C., Lt., USNR; Schier, O. B., Lt., USA; Schwab, J. L., Lt., USA; Schwitter, C. M., Capt.; Shanafelt, W. C., Cpl.; Trantum, L. D.,* Lt. (j.g.); Vaughan, D. C., Capt.; Visco, R. A.,* Lt. Colonel; Warlow, E. J.,* Lt., USA; Weber, W., Chaplain, USA; Wenny, D.,* Capt.; Whitlock, W. B., Lt., USNR.

*Married.

CLASS OF 1931

Bob Harris, Pro Tem

4730 North First St., Arlington, Va.

Well, here we are running out of news already, on the third go-round. Web Matchett called a few days ago to say he was still with Rebins Conveying Belt in Patterson, N. J., and chases orders now and then in Washington.

Web's home address is 55 Burlington Road, Clifton, but since he didn't volunteer any family data that's all we can offer.

Correction on last number: Sam Fuller's right address is 64 E 56th St., New York. Guess the suburban commuting to Long Island wore him down. Anyway the Alumni is back from a business can get at him easier now.

O. J. "Cuffy" Pearre is reported to be back in his home town Baltimore, 217 Oakdale Road. Felix Shay's card says 7 Wistar Road, Paoli, Pa. Ross Sweeny is back from a long sojourn in the Carribean, with as I remember the Conservation Service, and is now in the Bureau of Ships, Navy Department, Washington.

"Gentleman Joe" Jeffries lives at Lake Drive West, Packanack Lake, N. J.

Some more on the class of '31 in the armed forces: Private L. E. Jordan, Fort Knox, Kentucky; Captain S. W. "Zoomer" Manning, Air Corps, 2103 San Pedro Ave., San Antonio, Texas; Lt. Bob Beasley, A.C., Page Field, Fort Myers, Fla.; Private Si Holzshu—Military address not given; Lt. W. P. Kellett, Jr., 165 Bolink Road, Yonkers, N. Y.; Lt. Mace McNeill, 7011 Louise Road, Philadelphia, Pa.; Private M. C. Schilling, Camp Wheeler, Ga.; Lt. Sid Spector, Northern Security Dist., Seattle, Washington; Ed Sordon, Rank, branch and military address not given; Capt. Tink Tiedeken, Inf., Plattsburg Barracks, N. Y.

The following fellows of the class have apparently disappeared and if anyone knows their present whereabouts please let me know:

Ben Rushong, Buck Schaub, Fran Shoemaker, Bill Seeburger, Bob Enscoe, Jack Harrison.

Suppose you have all heard there is to be no reunion this year, but when the war is over Len Schick tells me there is going to be a real doozer, so maybe by then everyone will be located. Another damn fine reason for winning the war! !

Summer Sessions

Regular Session June 24 August 4. Courses offered in Education, English, Journalism, History, and Philosophy for graduates, undergraduates, and listeners.

Post Session August 5 August 25 for additional specialized work in Education. All courses in Education at Lehigh University fulfill the requirements for administrative and teaching certificates in general and certain special fields.

Courses may be audited at a reduced fee. Women are admitted to all classes during the summer session.

For information address: Director of Summer Sessions, Lehigh University, Bethlehem, Pa.

CLASS OF 1933

R. L. Davis, Correspondent
341 Berkley Road, Indianapolis, Ind.

By the time you receive this issue of the BULLETIN, the normal date for our class reunion will have passed. If you did not notice the release in our last column, I will repeat myself:

Due to the present emergency, no reunion for our class will be held this year. We, of course, are all looking forward to a large gathering after the war.

Some interesting news has come to your correspondent's attention which I will pass on to you:

Ben Beach is a Captain at the Aberdeen Proving Ground in Maryland. Bill Lathrop is now a Captain in the U. S. Navy. A few months ago we received word that Bill entered the Navy as an ensign. He evidently advanced rapidly. Judging from his address, he is now located outside this country. Ken Ryan is now doing overseas duty with the Overseas Supply Division, Port of Embarkation, Seattle, Washington.

This is all of the news that your correspondent believes will be of interest to you at this time. I sincerely hope that we will have some letters for you for the next issue from members of our class.

CLASS OF 1934

R. F. Herrick, Correspondent
Lehigh Alumni Office, Bethlehem, Pa.

Another good month for '34 news and for the first time (Ed Hower will probably catch me up on this one, too) a bona fide hero in the class.

At least we can probably claim Dave Wright as a member of the class, for he was here for a couple of years before going on to Harvard and the University of Pennsylvania to complete

his medical work. He was a member of Sigma Chi while on the campus.

Well, Dave, who now has the rank of first lieutenant and is a specialist in psychiatry, recently went along with a Flying Fortress known as the "Unmentionable Ten" to study the reactions of the men under combat conditions during a raid over Lorient. It seems as if they met plenty of opposition and one shot from a Focke Wolfe cannon blasted a 3 ft. hole in the tail gun turret, wounding the gunner. Another bullet felled the waist gunner and severed his oxygen tube. At this point Dave decided he had better do something besides "observe" so, dragging his own oxygen supply, together with an extra tube, he got to the rear gunner, gave him morphine and sulphanilimide, worked his way back to the waist gunner, repaired his oxygen line and administered first aid before Dave himself passed out from the exertion.

Dave is married and lives in Philadelphia with Mrs. Mildred S. Wright, his wife, and their one-year old son Donald. He entered the service at Atlantic City last August 25.

Another surprise came in the mail this month by way of a letter from Pinky Schaffer, who is a lieutenant in the Naval Reserve and currently stationed in North Africa. Commenting on the campus newsletter, "Lehigh Passes in Review," Pinky says, "I'd like to write about things over here but of course I can't. I'll ask something of you instead, if you don't mind. I was in the class of '34 and I'd like to be sure to get that issue, or issues, concerning it. It would be interesting to know whether or not Lehigh is taking part in the Navy's training program."

Of course we saw to it that Pinky got the information he wanted and any of you lads in North Africa might keep your eyes open for him. While we are not publishing tactical units, we will be glad to supply addresses by correspondence for anyone in whom you are interested.

Also a note from Homer Geehr who is a Navy man stationed at the Ordnance Superintendent's Office at the San Francisco Navy Yard. Homer reports that the only other Lehigh man he has bumped into there is Art Widdowfield of the class of '33, but he is naturally anxious to see any of the '34 gang that might happen to be passing through that way. Norm Carlile, who now has the rank of captain, reports from New Haven that he is studying at Yale after teaching trainees at Camp Croft, S. C. Norm claims that they are being worked as near to 24 hours a day as possible up there and that what he's studying and why comes under the head of "classified information."

They tell me that Gene Wildman is in a line not too far from Johnny Beidler's, for he is working in the TNT Area of the Almirall & Company as a construction piping supervisor in connection with the Pennsylvania Ordnance Works at Allenwood, Pa.

Hank Price has the rank of captain and is with the Army Administration School at Huntsville, Texas, but further than that Hank does not reveal, at least for this month.

Orrie Leach is apparently on the high seas as a full lieutenant in the Naval Reserve and Walling seems to have lined himself up a good job as assistant to the president and works manager of the Lewis Foundry & Machine Division of the Blaw-Knox Company in Pittsburgh. He is living at R. D. 3, Thorn Run Road, Coraopolis.

According to Tex Eichelberger, Walt Jackson has been in a rather serious condition at the Naval Hospital in San Diego, Calif., and it goes without saying that we hope the news concerning Walt will be of the best in a short time.

I can promise you a treat next month in the form of a swell letter from Johnny Beidler which was a bit too long to publish this time, but it's well worth waiting for. Until then, keep the '34 news coming.



LEAVE CARE IN THE FOOTHILLS come to CRESTMONT INN

Delightful, care-free days await you at this popular mountain Inn (2200 ft. alt.). Sleep under blankets! Sun-bathe on a sandy beach beside a mountain lake! "Teamed up" with nature, you'll play your favorite sport with new zip and drive. No mosquitoes.

OPENS JUNE 15

Water Sports on the Lake of the Eagles

Riding . Hiking . Seven championship tennis courts, with instructor . Sporty 18-hole golf course . Music . Bridge tournaments . dancing . Game-room

**EASY TO REACH BY RAIL OR ROAD
P.R.R. TO MUNCY, PA., BUS TO THE INN**

Philadelphia — 164 miles. New York City — 186 miles. A trained kindergartner will care for your children. Superb cuisine. Write for illustrated booklet and reservations today.

WILLIAM WOODS, *Proprietor*



AN EXCITING MOMENT IN THE CANOE RACE

THE CRESTMONT INN

EAGLES MERE, PA.

CLASS OF 1936

R. M. Eichner, Correspondent
R. D. No. 1, Bollston Lake, New York

Spread before us are letters from almost every branch of the armed forces. The complete lack of any letters from individuals in private life is a pretty good indication of how the Class of '36 stands with the draft boards. Repeatedly letters addressed to old home addresses bring answers via V-mail or from service camps in all sections of the U. S.

V-mail has a dramatic attraction and carries a bit of the excitement of the front lines. Because of the restrictions imposed by a strict censorship it must always fall far short of our expectations. Typical is the following from Lt. P. T. Roberts, 753 Ry Shop BN, APO 700, New York City:

"Haven't run afoul of any Lehigh-ites in this territory as yet. Our outfit has been over here in ———, No. Africa for several months and we're becoming accustomed to the African ways. It's really wonderful country, but there's no time to take a look at it. Our work, as the name implies, involves heavy repairs to locomotives and cars plus whatever other heavy odd jobs that may turn up. Censorship prohibits the mention of details that are interesting, daggone it.

Pete Roberts"

Pete flatters our mental agility, when he thinks that "Ry Shop BN" implies anything! These army addresses are certainly designed to defeat espionage and discourage correspondence. Pvt. Johnny Dietz sets a new low with: Flight E, A.A.F.T.T.C., B.T.C. No. 4, Miami Beach, Fla. He says he's in aviation but it looks more like abbreviation. Here's his letter:

"I just received your letter and also the last Lehigh ALUMNI BULLETIN so I feel moved to add all I know about '36 men. As you can see by the long address I'm in the Army Air Force. Entered the Army April 1st. After a week at Camp Dix I was moved right down here to Miami Beach. There are many nice features to taking my training down here. The swimming is marvelous, the food good and also plentiful, the weather is very good. We have our lectures under the palm trees, but so far they haven't figured out a way for us to drill in the shade. With the drilling I'm doing, I am really getting in shape. There are a lot of young fellows to try and keep up with.

"I received a letter from Earl (Gerlach) the other day. He has just been made a 1st Lieutenant in the Signal Corps. He is stationed in Warrenton, Va.

"If you know of anyone in Miami Beach let me know. I haven't seen anybody I know since I came in the Army. I will probably be here several more weeks, after that, I don't know where, but I'll let you know.

Sincerely

Johnny"

Lt. Palmer Langdon is down there somewhere, Johnny,—he's with the Amphibian Command—probably running around in the Everglades in one of those jeeps that make like a duck!

Representing the Infantry is Cpl. W. E. Austin, APO 447, Fort Jackson, S. C. with the following letter:

"Tommy Gearhart is now assistant G-3 in a division stationed at Ft. Leonard Wood in Missouri and is planning to go to the altar with a southern gal in the near future. Ralph Skedgell is a recent OCS graduate and now hangs his hat at Miami Beach or thereabouts—this information was gleaned from the Millville Record but we all hope he will turn his pen loose in the near future.

"A Christmas card found its way here from Ernie Krack and spouse, Ruth. You may recall that Krack's full name was John Barrymore, Phantom, Rasputin, the great lover, Flywheel Krack back in those carefree undergraduate days.

"Many thanks for Jimmy Mayshark's current address in England. It was great to hear that he is safe and that his knee will not be permanently injured.

"Life here is busy and interesting—have just completed basic training in Infantry. This army of ours is going to be a good one and believe me, this life is good for all of us.

Bunny Austin"

CLASS OF 1938

Robert V. Henning, Correspondent
Belmont Smelting & Refining Works, Inc.
330 Belmont Avenue, Brooklyn, N. Y.

Being a Class Correspondent is swell when you fellows keep the mail bag busy. This has been another good month.

I had a pleasant surprise the day after Easter when "Bill" Sheppard phoned from Michel Field. He had just flown up from Florida and I was able to have dinner with him that night before he returned. It was good to see Bill again after about 5 long years since "we commenced" back in June 1938. His experiences these last 18 months haven't changed him and right now he's waiting a call back to front line action. In the meantime he's proof testing new equipment to make sure our boys at the front get the best. Good Luck, Bill, and hope you can get to New York soon again.

Capt. Jack Manley writes from A.P.O. 33, Los Angeles, Calif. "We are now in the vicinity of Needles, Calif. which is out in the middle of the Mojave desert and about 275 miles from the nearest town. From what the natives here tell us it should be hotter than the hinges of—you know what; but somehow the weather just will not bear out the stories these people have to tell us. In fact, it went so screwy as to hail right out here in the middle of all this sand today for about a half hour. That made some awful liars out of the local desert rats.

"As for news of the rest of the class, I'm afraid I'm not going to be much help to you Bob. When I was home I heard from Len Schick about some of the boys. You may have heard of the same ones, but here is the dirt for what it is worth.

"Leon Shane, a classmate of ours has been killed in an air accident in some field in the Southwest (Texas, I believe). Phil Hornbrook is at Diesel School (Ensign) and studying for PT Boat service between visits to the Maennerchor. I've just this minute finished your latest column so I see that you already know about Bob Titlow being at Fort Benning.

"Lt. Bob Couch, has been sent to the South Seas as far as any of us know. His unit was sent out last Fall as part of a task force and none of us have heard much from them since. We think they are in the Samoans somewhere.

"You see Bob, I'm not being much help. I haven't seen any of the people in our class since I left the East Coast. My job as a Company Commander has kept my nose to the grindstone pretty much and I haven't had time to get around to the gay spots very much—believe it or not. As a matter of fact, ever since I came into the Army, I've been at a considerable distance from anything that could be remotely called a 'gay spot.'

"One thing that was of interest in the last BULLETIN was a Maj. General Alexander M. Patch. He was my C.O. when I first went into the army at Camp Croft, S. C. (Our friendship never grew very warm).

"If you quote me at all in your next column there is one thing I want to be quoted on especially. I am enjoying the army very much and having one hell of a fine time. It seems to me that about all I hear from the people I talk to is 'Well, I've got my fingers crossed, I'm up for my next deferment,' or 'This army sure does stink, I wish I had been smart and got a defense job'. My answer to all of that is definitely—NUTS."

You're right Jack. Latest reports from North Africa show that our Army is doing all right.

Dick Larkin writes from 906 Washington St., Alexandria, Va.:

"This will probably surprise you, getting a letter from me, but the latest BULLETIN arrived simultaneously with a letter from Henry Mack, and after having read his letter and your plea for news, I thought it might help you out.

"Henry has been supply officer with an American fighter squadron, nicknamed 'The Black Scorpions,' which has been with Montgomery all the way across North Africa. His letters as they moved across were highly interesting. They bore postmarks of Egypt, Libya and now Tunisia. Excerpts of the two most recent follow:

"Tunisia, April 28: We've had a fairly successful time lately—possibly our big Victory the other day has made the news back home.

At least it seemed to cause quite a stir among correspondents out here. I refer to the day we smeared the batch of transport planes and fighters escorting. Unfortunately, our squadron didn't get any of the gravy (the transports). We, as top cover, had to stay up to protect the others from as many enemy fighters as possible. Really hard on the boys' conscience to see all the fun and have to stay thousands of feet above—but that's the fortunes of war."

"What a night that was—following that victory a mighty big celebration completely exhausted the small stock of medicinal spirits at our disposal."

"Another letter 'Tunisia, April 11: We've had a good look around the countryside. All the ruins of desert warfare, or any other kind of warfare. Tanks and guns and men—all definitely unserviceable, and trucks by the hundreds, either wrecked or burned. We've dodged mine fields and individual mines and made so many diversions that it was a rare experience to be on a road. Some of the better convoys just went across barren wasteland with no road except the tracks made by the first vehicle usually a jeep and quite often my own . . . Lots of funny things have happened. Once when we were well up forward in the mad chase a truck missed a turn and was heading 'balls-out' for the front. Not only the front but definitely unfriendly territory. What a marvelous chase that was. He was caught . . . Nowhere could there be any better cooperation between Air Forces and the Army than here. It's marvelous to see it work. We're proud, too, of being part of the Eighth Army. A very efficient fighting machine it is . . . Yesterday the Eighth Army made the longest advance in its history—and that is something. And further, it's longer than Rommel ever managed to push his forces in one day. They went so fast that many prisoners were taken because their trucks ran out of gas. . ."

"In his second letter, Henry told of running into a friend of mine, George Palmer, United Press Correspondent with the British Mediterranean Fleet, who used to work with me in the Harrisburg UP Bureau. George was a Penn State football player who remembered several games with Lehigh.

"I ran into Milt Enstine some weeks ago at Fort Belvoir, but haven't yet gotten around to visiting him, even though he lives only at the other end of town. He's athletic officer at Fort Belvoir. Washington is like that. You see only the people with whom your job puts you in contact or your immediate neighbors. For the rest, gas rationing and the overburdened public transportation system proves too much of a handicap. Sometimes it comes up a special event like the night several weeks ago when we crossed this end of Virginia and the District to see Mary and Frank Stanley. Frank now is an ensign, connected, I believe, with one of the supply outfits. He works out at the Constitution Avenue Building. One thing about Washington, if you hang around downtown long enough, you'll see almost everyone you ever knew. I run into at least a dozen Lehighs of classes immediately before and after '38.

"My wartime vacation came to an abrupt end some weeks ago when the lad with whom I've been working since coming down here last Fall was accepted by the Marines. Thereupon the whole job became mine and since that date, I've been scurrying around madly trying to fathom the intricacies of priorities, manpower, ordnance design and electric power allocation. This is a neat trick for an Arts man. If the weather keeps on as it has been recently, I expect to lose an appreciable part of the blubber about which you complain every time we meet.

"This about covers it. The address is 906 S. Washington St., Alexandria, Va. and if you come down here in search of war contracts and strike out at the hotels and the 'big red house on R street,' come on over and put up on a studio couch.

Regards to Ellie"—Dick.

"P.S. Henry's address is Lt. H. J. Mack, Jr., APO 485, New York City."

Thanks for the letter Dick. Keep that pencil sharpened and write soon again.

Congratulations are in order to Murray Udy, 349 Kelso Road, Cleveland, Ohio on an heir, James Marvin, born April 26, weight 8 pounds 12½ ozs. Class of 1965, Murray?

CLASS OF 1940

Ralph E. Martin, Correspondent
393 N. Main St., Wallingford, Conn.

The news of the class is very limited at this writing since I haven't heard from any of you yet, but I'll give you what I do have.

A recent clipping in the New York paper announces the marriage of Lt. Bernard Smith to Miss Vera L. Engelhardt of Forest Hills Gardens, New York. Bernie is stationed at Boston as adjutant to the Provost Marshal.

When I last saw Al Bodine, he was in the Ordnance Dept., Springfield, Massachusetts, but has since transferred to the Air Corp at Maxwell Field, Montgomery, Alabama.

I recently heard that Dick Fincke has left Pratt & Whitney in Hartford to enter the Army. Further details are missing.

Lt. John H. Colbaugh has joined Lt. Doug Paul at Camp Gordon Johnston, Carrabelle, Florida and Lt. William Csellak has been transferred to Fort Benning, Ga. where there is quite a crew of Lehigh men.

The L. U. News Bureau reports that Midshipmen Morgan C. Elmer and Clifton S. Merkert are stationed at the University of Notre Dame.

To continue last month's list of Army captains I see we have Captain Roberts at Fort Benning, Ga.; Fred Kornet at Aberdeen, Maryland; Clifford Lincoln at Governors Island, New York; W. G. Leonard at Moody Field, Ga., and R. J. Reid at Army Air Force Command, New York. Congratulations to you and all of those I don't know about.

Now that you fellows know where to send your letters, I hope you will send a little news so I can make this column a little more interesting.

CLASS OF 1941

Donald R. Schoen, Correspondent
1 Hudson Avenue, Mount Vernon, New York
CALLING ALL STATISTICIANS!

It's a bit tempting to grab at any sort of class list, and draw a few conclusions from it, even if the conclusions aren't very accurate or important. When the Alumni Office sent me a list of class members who are currently receiving the BULLETIN, I couldn't resist tabulating their military status (even if not too accurately):

Civilians	105
Soldiers	46
Sailors	13
Marines	2

Apparently most of the class is still doing their bit to achieve victory without the uniform—or should I perhaps wait until Dr. Gallup has taken a sampling before I conclude that?

SOLDIERS:

Of the soldiers in the class a goodly number seem to have acquired the job of "Shavetail." Although there are undoubtedly many more, I know of only two captains: *Johnny Atwood*, somewhere in the Pacific, and *Chuck Kalmbach* at Aberdeen. Among the Lieutenants are: *Bob Ulmer*, at the B & C School, at Fort Benning, Georgia; *Dick Marsten*, overseas (0855013, APO 3556, N.Y.C.); *Bob Montbach*, who is at the Springfield (Mass) Armory; *Ray Miller*, at Camp Campbell, Kentucky; *John Beriont*, Pilots Transition Wing, Hendricks Field, Sebring, Fla.; *Wallace Kendall*, at the Special Training Group, at Fort Knox, Kentucky.

SAILORS:

A letter arrived here last week from *John Findorff's* mother to tell me that John is among the group who are now Ensigns. (Incidentally, *Bill Hauserman* is the only one I know of who has become a Lieutenant in the Navy; where are the rest of you?) Mrs. Findorff's letter reads: "... John received his commission in the Coast Guard at the Academy in New London, Connecticut. He is now Ensign John R. Findorff, Navy 116, e/o Fleet Post Office, N.Y.C. He is also engaged to a lovely girl, but as he was shipped out right away, they were unable to be married at this time. His fiancée is Miss Carol Kay from Evanston, Ill., who is a senior at the University of Wisconsin and a member of Delta Gamma Sorority."

Joc Kaszycki (whose mail address is Box 46, Pe Ell, Washington, has his commission and

is expecting foreign duty shortly. *Ted Annett* and *Richard Davis* are also Ensigns.

THE HOME FRONT:

In the last week or two, just before leaving Baltimore, I ran into half a dozen recent Lehigh graduates, two of whom were in our class. *Johnny Atherholt* was attending one of Goucher College's formal dances, and I got a chance to "chew the fat" with him. He's now with the Piteairn Autogiro Company in Philadelphia, and like a great many young engineers these days has been fortunate in finding some unusually interesting and responsible work. Although Johnny's work at Lehigh was in the field of mechanical engineering, his official title now classes him in the electrical field.

In the downtown district of Baltimore I happened to run into *Ed Roedder*, who graduated with us as a geologist. Ed is doing research work for Bethlehem Steel at Sparrows Point, and manages to travel about considerably—as well as put in many more than 48 hours a week.

I also understand that *John Bontya* is in Baltimore with the Glenn L. Martin Company. His residence is 806 E. 35th Street, Baltimore.

CLASS OF 1942

Frank S. McKenna, Correspondent
85 Belvidere St., Crofton, Pa.

The only letter this month addressed to me as "Correspondent for the Class of 1942" was a "V-mail" note from Lt. Al E. Horka. Al wrote from North Africa that he is acting as an Assistant Base Chemical Officer and he feels that "someone has to do jobs like these for those fellows up front who are making heroes out of themselves. . . . I am not particularly interested in becoming a hero—I just want to come home a veteran." I guess we all feel that way. Al also remarked that life in Africa is no longer a novelty and that although in the large town like Oran there are definite traces of the New World, the smaller towns are really about 200 years behind civilization as we know it in the U.S.A.

My face sure was red last week. The same day that the ALUMNI BULLETIN came out with a note in this column that John Quincy was overseas, I got a letter from him postmarked Fredericksburg, Va. Well, I don't suppose that's the first or last mistake I'll make, as a lot of this class news is passed by word of mouth.

Some more notes on the few remaining civilians of our class who are doing their part in industry. A. E. Jenkin with Sperry Gyroscope Co. Inc., Brooklyn, N. Y.; W. L. Clark with the Navy Dept. as an Inspector at Penn Steel Castings Co., Chester, Pa.; J. C. Lampert with the Hercules Powder Co., Dover, N. J.; F. H. Rockett, Jr., is with the E.E. department at Lehigh and Rev. R. R. Riggle is with the Christian Church in Mason City, Illinois.

A.P.O. addresses for the following fellows indicate that they're probably "over there": Lt. C. E. Louden; Lt. H. A. Seebald; Lt. W. L. Clark, and Ensign J. T. Smith.

My first week on duty here in the Metallurgy Department of the Naval Research Lab, Washington, D. C. I ran into Bob White, King Williams, Jack Clark, Joe Reynolds and Bob Maiden, who are all working here in a civilian capacity. It sure is good to bump into Lehigh men anywhere.

I've seen quite a lot of Ensign Johnny Norwood who is attending Diving School at the Washington Navy Yard. Pvt. Lee A. Wiley wrote from Camp Wheeler that he bumped into Lt. Bill Gheen and Bob Taylor in Macon just before they were transferred to Turner Field, Ga.

I see from the ALUMNI BULLETIN that our class has the highest number of men in the service. Let's keep up the good work '42 and let us hear from you.

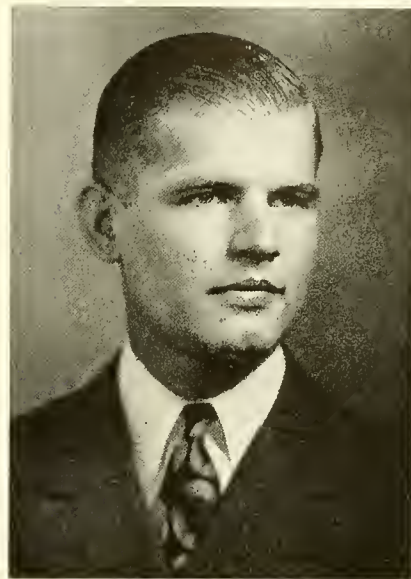
CLASS OF 1943

Samuel J. Davy, Correspondent
611 North Cedar St., New Castle, Pa.

News has been forthcoming from several fellows who enlisted in the Marine Corps and found themselves all at the same camp, but hardly in a position to get together often enough to renew acquaintances. The camp: Parris Island; the men: Walt Edwards, Al Pedrick, Lou Daze, Bob Appleton, Harry Clarke, and George Schneider. All are now at Quantico, Va., for officer's training. Edwards, former *Brown and White* news manager, was back for a weekend

in mid-April, and reports finding among his instructors Lt. Ed Klein, '42, original editor of the *Bachelor*.

Bill Stump has achieved the honor of being the first Lehigh man from the accelerated class of '43 to complete officer's candidate training under the new army regulation when he was commissioned at Miami Beach in the Army Air Corps. He had been a cadet captain in Ordnance at Lehigh.



William L. Stump
"holds '43's first honor"

Bill Gordon, who has been in Naval Flight training at Pensacola, received his commission a few weeks ago. Art Parsons, former Eptome business manager, is engaged in basic training in the Naval Air corps at Prescott, Arizona. Steve Bumptler, who left Lehigh early in his collegiate career, has been commissioned in the Army air corps as a pilot of twin-engined bombers. Walt Heley has completed his flight training at Eagle Pass, Texas, and Pete Smith has received the rank of second lieutenant in the Marine Air force after completing Naval Flight training at Pensacola.

Dick Mason, who left Lehigh after his sophomore year, has similarly run the gauntlet at Pensacola, and has come through with wings. He is an ensign.

Jack deGrouchy, with the Army at New Cumberland, has been fortunate in being able to get back for Houseparty in April and again a few weeks later. Houseparty was well attended, and events were carried on in the usual spirit.

Lou Daze, according to the most recent reports, was married on May 8 to Denyse Brady, of Moravian College, who travelled to Quantico for the ceremony. Miss Brady left Moravian and will live near Lou's station.

We committed a rather serious faux pas last month when we announced that Lyon Bartlett, Joe Kemmer, and Walt Edwards had been drafted at the close of school. This was a bit of misinformation on our part and we are sorry it went to press. All three of the boys are enlistees, two in the Army and one in the Marines. We hope they will accept our apologies.

That's all for now. Next issue will find a strong Lehigh clan entrenched in V-7 indoctrination at Notre Dame, and your correspondent expects to receive orders to report there along with the approximately 30 others.

BIRTHS

CLASS OF 1928

To Mr. and Mrs. John W. Helmstaedter, a son, Robert Kirk, May 13.

CLASS OF 1929

To Mr. and Mrs. Thomas M. Brennao, a daughter, Sandra May, May 8.

CLASS OF 1930

To Mr. and Mrs. Donald L. Wright, a son, Richard Wallace, May 8.

To Mr. and Mrs. William J. Green, a daughter, Dorothy Marie, June 5.

CLASS OF 1931

To Lieutenant and Mrs. John H. Holzshu, a daughter, Virginia Alice, April 2.

CLASS OF 1937

To Mr. and Mrs. Irving T. Klein, a daughter, Mary-Ann Claudia, March 8.

To Cadet and Mrs. Merrill H. Wallace, a daughter, Judith Lynn, May 3.

To Lieutenant and Mrs. Mark E. Wolcott, a daughter, Judith Ann, May 20.

CLASS OF 1939

To Lieutenant and Mrs. Robert E. Stevens, a son, Russell, March 31.

MARRIAGES**CLASS OF 1887**

Charles F. Zimmele married Miss Gladys A. Medley, April 20.

CLASS OF 1939

Lieutenant Marcus E. Wertz, Jr., married Miss Georgianna Cecile Campbell, April 24, in the Wesley Methodist Episcopal Church, Belleville, New Jersey.

Lieutenant Ashley C. Worsley married Miss Bessie Jane Sheene, May 8.

CLASS OF 1940

Charles H. Hearsey married Miss Margaret B. Brent, May 1, in the First Presbyterian Church, New York City.

Lieutenant Edwin H. Scott married Miss Barbara S. Smith, May 8, in the post chapel, Fort Benning, Georgia.

Lieutenant Bernard A. Smith married Miss Vera Louise Engelhardt, May 1.

CLASS OF 1941

Hysler B. Zane married Miss Grace C. Cunningham, May 1.

Captain Richard M. Shepherd married Miss Margaret VanVechten Veeder, May 15, in St. Mary's Church, Wayne, Pennsylvania.

CLASS OF 1942

Arthur L. Fischer married Miss Ann Louise Buckle, May 1.

PROFESSIONAL CARDS**PIERCE MANAGEMENT**

Engineering Consultants and Mine Managers
Anthracite — COAL — Bituminous

A successful background in the practical solution of difficult engineering and management problems.

J. H. Pierce, '10

Scranton Electric Bldg. Scranton, Pa.

New York City 51 East 42nd St.

VISSCHER & BURLEY

Architects

Rezin Davis Svend B. Sommer

CHARLES ENZIAN . . . 1901

Consulting Mining Engineer and Geologist
Miners National Bank Building
Wilkes-Barre, Pa. Hazleton, Pa.

Forty years corporation, state and federal experience in Anthracite and Bituminous coal fields of United States and Canada.

Mine Roof and Surface Support
Studies and Reports
Development, Operation, Appraisal, Safety and
Mine Roof and Surface Support
Studies and Reports

Lieutenant John H. Dudley married Miss Isabele M. Parsels, May 1, in the First Presbyterian Church, Bethlehem, Pa.

William K. Meerbott married Miss Virginia D. Seiter, May 8.

CLASS OF 1943

Robert H. Holland married Miss Marie Dolores Hilaire, May 29, in SS. Simon and Jude Church, Bethlehem, Pennsylvania.

IN MEMORIAM**Arthur E. Morgan, '95**

Word has just been received that Arthur E. Morgan died April 28, 1943.

George L. Robinson, '00

Died at his home, 264 Lexington Ave., New York City, on April 21, 1943.

Was born and raised in Elmira, N. Y. He entered Lehigh in 1894, and graduated in 1900, having stayed out of college for two years, working at various jobs in order to earn his education.

He was a successful Engineer, a loyal son of Lehigh, and a loyal member of Psi Upsilon.

His undergraduate activities included editorship of "The Burr," and of the class book, The Epitome, and many other lesser matters.

One of the jobs he had while working his way through college, was with the late Wm. Barclay Parsons, on preliminary surveys for the first New York City subway system. Another was with the U. S. Deep Waterways in surveying a ship canal across New York State.

After graduation, he worked for the Lehigh Valley Railroad, on Maintenance of Way, then for the Sanitary Engineering forces of the City of New York.

In 1906 he founded his own company, the New York Sewage Disposal Company, of which he was President until his death.

He was a deep student of Sanitary Engineering in which he was interested, studying sewage disposal plants in England, France, Italy and Holland, as well as many in this country.

His company installed many water supply and sewage disposal systems for large estates on Long Island and in New Jersey, as well as a number of municipal plants, and he was Consulting Engineer for a number of municipalities.

"Robble" served with the Seventh Regiment in the National Guard of New York State in 1915, and was Project Engineer for the Bethlehem Steel Company on their housing program at Mays Landing, N. J. during the first World War.

His multitude of friends will remember him as a loyal alumnus of Lehigh and a successful Engineer in his special field. He was a member of Psi Upsilon and the American Society of Civil Engineers.

He is survived by his wife, Mrs. Grace W. Robinson, and his sister, Mrs. Ruth R. Treganza.

Paul P. Reese, '03

The alumni office has just been informed that Paul P. Reese died April 18. No additional information was given.

Roswell S. McMullen, '06

Word has been received that Roswell S. McMullen died July 1, 1942.

Henry J. Schrauff, '23

We have had returned mail from Henry J. Schrauff marked deceased.

John H. Buffum, '38

Captain John H. Buffum was killed in a plane crash in Latin America on April 29.

He was a member of the Kappa Sigma social fraternity.

He is survived by his parents, his widow and a sister.

William M. Spears, '42

Lieutenant William M. Spears has been reported killed in a North Africa battle April 6.

Lieutenant Spears graduated in 1942 with a B.A. degree. Following his graduation, Lieutenant Spears received his commission and spent three months with the infantry at Fort Benning before being sent overseas.

He is survived by his parents.

**DIRECTORY OF
LEHIGH ALUMNI CLUBS**

Allentown, W. W. York, '24, (P); C. V. Converse, '28, (S), 143 N. 28th St.

Bethlehem, (Home Club) J. K. Conneen, '30, (P); W. E. Martin, '27, (S), 503 Dime Trust Bldg., Allentown, Pa.

Boston, D. C. Buell, Jr., '26, (P).

Central New York, Gordon Kent, '07, (S) The Kent Co., Rome, N. Y.

Central Penna., H. C. Towle, Jr., '28, (P); B. M. Root, '35, (S), 401 N. 29th St., Paxtang, Harrisburg, Pa.

Central Jersey, J. H. Pennington, '97, (P); C. F. McCoy, '37, (S), 107 King George Road, Pennington, N. J.

Chicago, W. O. Gairns, '26, (P); E. K. Collison, '07, (S), George A. Fuller Co., 111 W. Washington St.

China, T. C. Yen, '01, (P); A. T. L. Yap, '19, (S), 16 Burkill Rd., Shanghai, China.

Cincinnati, B. E. Kelfer, '18, (P); C. C. Sherrill, '35, (S), Box 111, Glendale, Ohio.

Delaware, W. M. Metten, '25, (P); G. H. Cross, Jr., '30, (S), 2211 Boulevard, Wilmington, Del.

Detroit, R. A. Lodge, '33, (P); E. E. Krack, '36, (S), 10386 Crocuslawn Ave.

Maryland, W. F. Perkins, '13, (P); P. J. Flanagan, Jr., '33, (S), 2405 Loch Raven Rd., Baltimore, Md.

Monmouth County, Jersey, C. A. Wolbach, (Chm); Carlton M. Roberts, '25, (S), 1508 Grand Ave., Asbury Park, N. J.

New York, F. E. Portz, '17, (P); Wm. McKinley, '19, (S), 414 E. 52nd St.

Northeast Penna., F. S. Lubrecht, '12, (P); G. G. Jacobosky, '07, (S), 211 So. Main St., Wilkes-Barre, Pa.

Northern, New Jersey, Larry Kingham, '25, (P); A. H. Loux, '35, (S), 917 Natl. Newark Bldg., 744 Broad St., Newark, N. J.

Northern Calif., R. H. Tucker, '79, (P), 1525 Waverly St., Palo Alto, Calif.

Northern N. Y., N. Y. Coxe, '34, (P); E. S. Gallagher, '36, (S), 1134 Glenwood Blvd., Schenectady, N. Y.

Northern Ohio, G. P. Nachman, '14, (P); H. B. Osborn, Jr., '32, (S), Ohio Crankshaft Co., 6600 Clement Ave., Cleveland, Ohio.

Philadelphia, T. C. O'Neill, '19, (P); Moritz Bernstein, '96, (S), 2130 Estaugh St.

Pittsburgh, J. H. Throm, '11, (P); H. E. Lore, '35, (S), 311 Chestnut St., Sewickley, Pa.

Southern Anthracite, H. R. Randall, '23, (P), Rhoads Contracting Co., Ashland, Pa.

Southern New England, John R. Waltman, '26, (P); L. H. Van Billiard, '23 (S), Newtown, Conn.

Southeast Penna., H. J. Kaufmann, '10, (P); George Potts, '23, (S), 536 Court St., Reading, Pa.

Southern Calif., D. H. Kirkpatrick, '17, (P); W. C. Winterhalter, '19, (S), 1595 North Lake Ave., Pasadena, Calif.

Washington, D. C., F. G. Macarow, '20, (P); D. M. Wight, '23, (S), Washington Loan & Trust Bldg.

Western New York, S. M. Brown, '36, (P); L. G. Meurer, '26, (S), Marine Trust Bldg., Buffalo, N. Y.

York, Pa., J. G. Bergdoll, '19, (P); C. H. Neiman, '35, (S), 330 W. Jackson St., York, Pa.

Youngstown, O., J. S. Stanier, '23, (P); J. A. Waterman, '30, (S), P. O. Box 135, Poland, Ohio.

FIFTIETH

ANNIVERSARY YEAR

Benjamin F.

SHAW

Company

*Benjamin F. Shaw, President
1893-1927*

*William Miller Shaw, President
1927-1930*

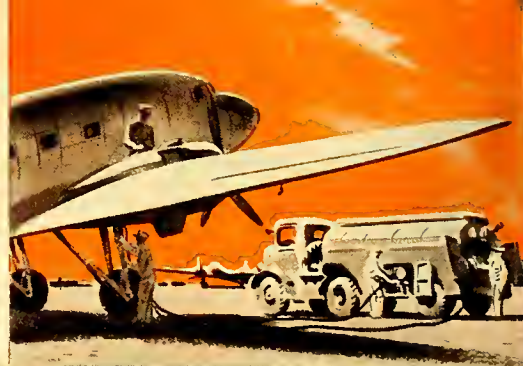
*Benjamin F. Shaw, II, President
1930 -*

**PIPING FABRICATORS
CONTRACTORS & DISTRIBUTORS**

**SECOND AND LOMBARD STREETS
WILMINGTON • DELAWARE**



Synthetic rubber facilitates well drilling. MANHATTAN oil-proof heavy Hose and Molded Products, are used in all important fields. Tanker time is saved by use of synthetic rubber in Paranite G.O.P. Hose.



Synthetic rubber's most vital use is in airplanes—for fuel and control hose, in molded diaphragms, and in motor packings, of which MANHATTAN is a principal supplier.

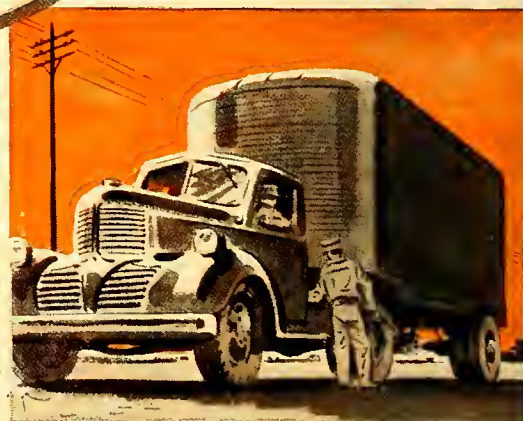
Long before Singapore



Air-operated tools deliver steadier service with longer hose life when hose is lined with G.O.P. synthetic rubber.



Paint spraying speeds delivery of combat equipment. Only synthetic rubber resists action of paint and varnish.



Trucks, buses, tanks and jeeps, all have scores of oil-proof synthetic rubber parts to keep 'em rolling.

MANHATTAN was a Veteran in the use of Synthetic Rubbers

FOR YEARS before the fall of Singapore, the use of several varieties of synthetic rubber was well-established in the manufacture of the products illustrated. These synthetic rubbers had special properties not possessed by natural rubber, such as: resistance to oils, sunlight and heat.

Because natural crude rubber was satisfactory, plentiful, and the supply seemed safe (Singapore was considered impregnable), no major (and costly) research and development programs to perfect and supply synthetic rubbers as a substitute had been initiated.

Under today's rising and tremendous program, widely publicized, vast quantities of *all-service* synthetic rubbers will be produced in months to come to replace natural crude rubber. Differences in physical characteristics, not easily recognizable to the layman, but of profound significance to the rubber technician, present highly diversified problems in the art of compounding and using these new *all-service* synthetic rubbers.

The accumulated experience of all manufacturers in the use of special-type synthetic rubbers is proving very valuable in building up the art of substituting these new synthetic types for natural rubber. The full and free interchange of information, fostered by Washington and the Industry, is speeding the results at a pace which should confirm confidence in the ability and talent of the Industry to turn out good, usable, often better, products for War and essential civilian needs.

MANHATTAN expects to further its already substantial contribution to this tremendous program of development through extensive facilities, engineering talent and a long and

comprehensive experience in the use of special-type synthetic rubbers in its Paranite—G.O.P. products.

50th YEAR OF RESEARCH

Pioneering in the developments and applications of synthetic rubbers was a natural sequence to the continuous program of research which has been inherent with MANHATTAN throughout the 50 years of its progress. To the long series of contributions to Industry, more will be added.

THROW YOUR SCRAP INTO THE SCRAP!

KEEP AHEAD WITH

William Warr, '95 A. J. Kutzleb, '13
F. H. Williams, '39 Stewart Monroe, '22



THE MANHATTAN RUBBER MANUFACTURING DIVISION

of RAYBESTOS-MANHATTAN, INC.

EXECUTIVE OFFICES

PASSAIC, NEW JERSEY